



ALBANY___2 23572	67.41 2.14 -8.88	64.17 2.13 -5.88	60.83 2.13 -2.67	59.65 2.13 -1.42	59.19 2.13 -0.97	62.98 2.19 -4.63	65.46 2.19 -6.99	61.83 2.14 -3.42	67.34 2.13 -9.18	65.79 2.22 -6.70	96.25 2.15 -37.58	97.77 2.09 -39.09	97.16 2.10 -38.43	103.42 1.93 -44.86	105.26 1.87 -46.76	108.90 1.47 -50.73	125.69 1.64 -61.12	151.24 2.22 -60.28	144.92 2.51 -37.68	145.18 2.42 -46.15	134.04 1.97 -53.44	135.69 1.56 -74.26	124.78 1.62 -63.16	117.59 2.07 -52.74
ALBANY___3 23573	67.41 2.14 -8.88	64.17 2.13 -5.88	60.83 2.13 -2.67	59.65 2.13 -1.42	59.19 2.13 -0.97	62.98 2.19 -4.63	65.46 2.19 -6.99	61.83 2.14 -3.42	67.34 2.13 -9.18	65.79 2.22 -6.70	96.25 2.15 -37.58	97.77 2.09 -39.09	97.16 2.10 -38.43	103.42 1.93 -44.86	105.26 1.87 -46.76	108.90 1.47 -50.73	125.69 1.64 -61.12	151.24 2.22 -60.28	144.92 2.51 -37.68	145.18 2.42 -46.15	134.04 1.97 -53.44	135.69 1.56 -74.26	124.78 1.62 -63.16	117.59 2.07 -52.74
ALBANY___4 23574	67.41 2.14 -8.88	64.17 2.13 -5.88	60.83 2.13 -2.67	59.65 2.13 -1.42	59.19 2.13 -0.97	62.98 2.19 -4.63	65.46 2.19 -6.99	61.83 2.14 -3.42	67.34 2.13 -9.18	65.79 2.22 -6.70	96.25 2.15 -37.58	97.77 2.09 -39.09	97.16 2.10 -38.43	103.42 1.93 -44.86	105.26 1.87 -46.76	108.90 1.47 -50.73	125.69 1.64 -61.12	151.24 2.22 -60.28	144.92 2.51 -37.68	145.18 2.42 -46.15	134.04 1.97 -53.44	135.69 1.56 -74.26	124.78 1.62 -63.16	117.59 2.07 -52.74
ALBANY___LFGE 323615	67.89 2.54 -8.96	64.61 2.53 -5.93	61.25 2.52 -2.69	59.99 2.47 -1.44	59.60 2.53 -0.98	63.41 2.58 -4.67	65.92 2.59 -7.05	62.25 2.53 -3.45	67.82 2.52 -9.26	66.25 2.62 -6.76	96.98 2.55 -37.91	98.50 2.49 -39.44	97.89 2.49 -38.77	104.27 2.38 -45.25	106.13 2.32 -47.17	109.91 2.04 -51.18	126.85 2.26 -61.66	152.65 3.10 -60.81	146.30 3.56 -38.01	146.54 3.38 -46.55	135.30 2.75 -53.91	137.00 2.22 -74.91	125.99 2.28 -63.71	118.68 2.70 -53.20
ALCOA_PA_115KV_PL-6C 55860	55.14 -1.24 0.00	55.26 -0.90 0.00	55.19 -0.84 0.00	55.19 -0.90 0.00	55.14 -0.95 0.00	55.09 -1.07 0.00	55.03 -1.24 0.00	55.09 -1.18 0.00	54.91 -1.12 0.00	55.45 -1.42 0.00	55.22 -1.30 0.00	55.22 -1.36 0.00	55.16 -1.47 0.00	55.22 -1.42 0.00	55.22 -1.42 0.00	55.10 -1.59 0.00	60.04 -2.90 0.00	84.75 -3.99 0.00	100.12 -4.61 0.00	92.36 -4.25 0.00	74.94 -3.70 0.00	57.36 -2.51 0.00	57.48 -2.52 0.00	59.89 -2.89 0.00
ALCOA_RYNLDS___DRP 24188	55.14 -1.24 0.00	55.26 -0.90 0.00	55.19 -0.84 0.00	55.19 -0.90 0.00	55.14 -0.95 0.00	55.09 -1.07 0.00	55.03 -1.24 0.00	55.09 -1.18 0.00	54.91 -1.12 0.00	55.45 -1.42 0.00	55.22 -1.30 0.00	55.22 -1.36 0.00	55.16 -1.47 0.00	55.22 -1.42 0.00	55.22 -1.42 0.00	55.10 -1.59 0.00	60.04 -2.90 0.00	84.75 -3.99 0.00	100.12 -4.61 0.00	92.36 -4.25 0.00	74.94 -3.70 0.00	57.36 -2.51 0.00	57.48 -2.52 0.00	59.89 -2.89 0.00
ALCOA___DSASP 323711	55.14 -1.24 0.00	55.15 -1.01 0.00	55.19 -0.84 0.00	55.19 -0.90 0.00	55.14 -0.95 0.00	55.09 -1.07 0.00	55.03 -1.24 0.00	55.15 -1.13 0.00	54.91 -1.12 0.00	55.40 -1.48 0.00	55.22 -1.30 0.00	55.22 -1.36 0.00	55.16 -1.47 0.00	55.22 -1.41 0.00	55.22 -1.41 0.00	55.10 -1.59 0.00	60.04 -2.89 0.00	84.75 -3.99 0.00	100.12 -4.61 0.00	92.36 -4.25 0.00	74.94 -3.69 0.00	57.36 -2.51 0.00	57.42 -2.58 0.00	59.89 -2.89 0.00
ALLEGHENY___COGEN 23514	58.41 0.79 -1.24	57.03 0.06 -0.82	56.07 -0.33 -0.37	56.12 -0.17 -0.20	56.17 -0.06 -0.14	57.03 0.23 -0.65	57.87 0.62 -0.98	57.48 0.73 -0.48	57.54 0.23 -1.28	58.89 1.08 -0.94	62.05 0.28 -5.24	62.32 0.28 -5.46	62.40 0.40 -5.36	63.18 0.28 -6.26	63.45 0.28 -6.53	64.57 0.79 -7.08	73.48 2.01 -8.53	100.61 3.46 -8.41	114.06 4.08 -5.26	106.82 3.76 -6.44	89.32 3.23 -7.46	72.45 2.22 -10.36	70.79 1.98 -8.81	72.71 2.57 -7.36
ALTAMONT_115KV_TB 2 55880	67.52 2.26 -8.88	64.22 2.19 -5.87	60.88 2.19 -2.67	59.70 2.19 -1.42	59.25 2.19 -0.97	62.98 2.19 -4.63	65.51 2.25 -6.99	61.94 2.25 -3.41	67.45 2.24 -9.18	65.90 2.33 -6.70	96.35 2.26 -37.57	97.93 2.26 -39.08	97.32 2.27 -38.42	103.75 2.27 -44.85	105.64 2.27 -46.74	109.62 2.21 -50.72	126.56 2.52 -61.10	152.46 3.46 -60.26	146.48 4.08 -37.67	146.51 3.77 -46.13	135.13 3.07 -53.42	136.50 2.39 -74.24	125.54 2.40 -63.14	118.08 2.57 -52.73
ALTONA_WT_PWR 323606	55.59 -0.79 0.00	55.71 -0.45 0.00	55.58 -0.45 0.00	55.64 -0.45 0.00	55.48 -0.62 0.00	55.42 -0.73 0.00	54.87 -1.40 0.00	55.26 -1.01 0.00	55.25 -0.78 0.00	55.74 -1.14 0.00	55.28 -1.24 0.00	55.28 -1.30 0.00	55.34 -1.30 0.00	55.11 -1.53 0.00	55.11 -1.53 0.00	54.93 -1.76 0.00	60.80 -2.14 0.00	86.08 -2.66 0.00	101.90 -2.82 0.00	93.81 -2.80 0.00	75.97 -2.67 0.00	57.90 -1.97 0.00	58.14 -1.86 0.00	61.52 -1.26 0.00
AMERICAN_REF_FUEL 24010	52.73 -4.74 -1.08	51.48 -5.39 -0.72	50.64 -5.72 -0.33	50.60 -5.66 -0.17	50.71 -5.49 -0.12	51.44 -5.28 -0.57	52.01 -5.12 -0.85	51.63 -5.06 -0.42	51.27 -5.88 -1.12	52.74 -4.95 -0.82	55.06 -6.05 -4.59	55.24 -6.11 -4.77	55.38 -5.95 -4.69	56.17 -5.95 -5.48	56.34 -6.00 -5.71	56.88 -6.01 -6.19	64.55 -5.85 -7.46	87.41 -8.69 -7.36	98.22 -11.10 -4.60	92.49 -9.75 -5.63	77.77 -7.40 -6.52	63.55 -5.39 -9.07	62.73 -4.98 -7.71	65.01 -4.21 -6.44
ARKWRIGHT___SUMMIT_WT_PWR 323751	54.12 -3.50 -1.23	52.53 -4.44 -0.81	51.64 -4.76 -0.37	51.97 -4.32 -0.20	51.85 -4.38 -0.13	52.70 -4.10 -0.64	53.75 -3.49 -0.97	52.86 -3.88 -0.47	52.66 -4.65 -1.27	54.16 -3.64 -0.93	57.20 -4.52 -5.20	57.52 -4.47 -5.41	57.60 -4.36 -5.32	58.49 -4.36 -6.21	58.58 -4.53 -6.48	59.30 -4.42 -7.03	67.44 -3.96 -8.46	91.67 -5.42 -8.35	102.93 -7.02 -5.22	97.01 -5.99 -6.39	81.79 -4.25 -7.40	67.04 -3.12 -10.28	65.81 -2.94 -8.75	68.20 -1.88 -7.30
ARTHUR KILL_GT_1 23520	68.33 4.74 -7.21	65.25 4.32 -4.77	62.46 4.26 -2.17	62.13 4.88 -1.16	61.04 4.15 -0.79	64.24 4.32 -3.76	66.56 4.62 -5.67	63.71 4.67 -2.77	68.35 4.87 -7.44	67.60 5.29 -5.44	92.12 5.14 -30.46	93.66 5.38 -31.70	93.29 5.49 -31.16	98.62 5.61 -36.38	99.94 5.32 -37.98	111.71 5.50 -49.52	123.23 6.29 -54.00	147.46 9.85 -48.87	146.90 11.62 -30.56	144.75 10.72 -37.42	130.46 8.50 -43.32	128.20 6.11 -62.22	117.60 6.18 -51.43	112.18 6.65 -42.75
ARTHUR_KILL_2 23512	68.16 4.57 -7.21	65.08 4.16 -4.77	62.29 4.09 -2.17	61.96 4.71 -1.16	60.87 3.98 -0.79	64.13 4.21 -3.76	66.45 4.50 -5.67	63.54 4.50 -2.77	68.18 4.71 -7.44	67.43 5.12 -5.44	91.95 4.97 -30.46	93.48 5.20 -31.70	93.12 5.32 -31.16	98.45 5.44 -36.38	99.77 5.15 -37.98	111.54 5.33 -49.52	123.04 6.10 -54.00	147.19 9.59 -48.87	146.49 11.21 -30.56	144.37 10.34 -37.42	130.22 8.25 -43.32	127.96 5.87 -62.22	117.42 6.00 -51.43	111.99 6.47 -42.75
ARTHUR_KILL_3 23513	68.04 4.45 -7.20	65.13 4.21 -4.76	62.23 4.04 -2.16	61.34 4.09 -1.15	60.80 3.93 -0.79	64.01 4.10 -3.75	66.27 4.33 -5.67	63.48 4.44 -2.76	68.18 4.71 -7.44	67.32 5.01 -5.44	91.84 4.86 -30.45	93.31 5.03 -31.69	92.94 5.15 -31.16	98.21 5.21 -36.37	99.81 5.21 -37.96	110.12 5.39 -48.04	122.32 6.17 -53.21	146.30 8.70 -48.86	145.43 10.16 -30.55	143.50 9.47 -37.41	129.74 7.79 -43.32	127.62 5.87 -61.88	117.33 5.94 -51.39	111.35 5.84 -42.74

ARTHUR_KILL_COGEN 323718	68.33 4.74 -7.21	65.25 4.32 -4.77	62.46 4.26 -2.17	62.13 4.88 -1.16	61.04 4.15 -0.79	64.24 4.32 -3.76	66.56 4.62 -5.67	63.71 4.67 -2.77	68.35 4.87 -7.44	67.60 5.29 -5.44	92.12 5.14 -30.46	93.66 5.38 -31.70	93.29 5.49 -31.16	98.62 5.61 -36.38	99.94 5.32 -37.98	111.71 5.50 -49.52	123.23 6.29 -54.00	147.46 9.85 -48.87	146.90 11.62 -30.56	144.75 10.72 -37.42	130.46 8.50 -43.32	128.20 6.11 -62.22	117.60 6.18 -51.43	112.18 6.65 -42.75
ASHOKAN____ 23654	66.02 1.64 -8.00	62.96 1.52 -5.29	59.83 1.40 -2.40	58.78 1.40 -1.28	58.37 1.40 -0.87	61.84 1.52 -4.17	63.86 1.30 -6.29	60.41 1.07 -3.07	65.42 1.12 -8.26	63.76 0.85 -6.03	91.25 0.90 -33.83	92.79 1.02 -35.19	92.19 0.96 -34.59	98.03 1.02 -40.38	99.91 1.19 -42.08	103.60 1.25 -45.66	119.46 2.30 -55.01	145.30 2.93 -54.25	141.57 2.70 -33.92	140.85 2.70 -41.54	128.70 1.97 -48.10	128.14 1.43 -66.84	118.46 1.62 -56.85	111.94 1.70 -47.47
ASTORIA_EAST_ENERGY_CC1 323581	68.67 5.08 -7.21	65.87 4.94 -4.77	62.91 4.71 -2.17	61.74 4.49 -1.16	61.60 4.71 -0.79	64.75 4.83 -3.76	67.07 5.12 -5.67	63.99 4.95 -2.77	68.52 5.05 -7.44	67.77 5.46 -5.44	92.35 5.37 -30.46	93.82 5.55 -31.69	93.45 5.66 -31.15	98.78 5.78 -36.37	100.27 5.66 -37.97	110.59 5.84 -48.05	122.77 6.61 -53.23	147.00 9.40 -48.86	146.26 10.99 -30.55	144.17 10.14 -37.41	130.37 8.42 -43.32	128.31 6.23 -62.21	117.77 6.36 -51.42	111.93 6.41 -42.75
ASTORIA_EAST_ENERGY_CC2 323582	68.67 5.08 -7.21	65.87 4.94 -4.77	62.91 4.71 -2.17	61.74 4.49 -1.16	61.60 4.71 -0.79	64.75 4.83 -3.76	67.07 5.12 -5.67	63.99 4.95 -2.77	68.52 5.05 -7.44	67.77 5.46 -5.44	92.35 5.37 -30.46	93.82 5.55 -31.69	93.45 5.66 -31.15	98.78 5.78 -36.37	100.27 5.66 -37.97	110.59 5.84 -48.05	122.71 6.55 -53.23	147.00 9.40 -48.86	146.26 10.99 -30.55	144.17 10.14 -37.41	130.37 8.42 -43.32	128.31 6.23 -62.21	117.77 6.36 -51.42	111.93 6.41 -42.75
ASTORIA_GT2_1 24094	68.67 5.07 -7.21	65.81 4.89 -4.77	62.96 4.76 -2.17	61.74 4.49 -1.16	61.65 4.77 -0.79	64.80 4.89 -3.76	67.07 5.12 -5.67	64.05 5.01 -2.77	68.52 5.04 -7.44	67.77 5.46 -5.44	92.35 5.37 -30.46	93.82 5.54 -31.70	93.52 5.72 -31.16	98.78 5.78 -36.36	100.33 5.72 -37.97	110.59 5.84 -48.05	122.77 6.61 -53.23	147.10 9.50 -48.87	146.27 11.00 -30.55	144.27 10.24 -37.42	130.38 8.41 -43.32	128.37 6.29 -62.21	117.78 6.36 -51.43	111.93 6.40 -42.75
ASTORIA_GT2_2 24095	68.67 5.07 -7.21	65.81 4.89 -4.77	62.96 4.76 -2.17	61.74 4.49 -1.16	61.65 4.77 -0.79	64.80 4.89 -3.76	67.07 5.12 -5.67	64.05 5.01 -2.77	68.52 5.04 -7.44	67.77 5.46 -5.44	92.35 5.37 -30.46	93.82 5.54 -31.70	93.52 5.72 -31.16	98.78 5.78 -36.36	100.33 5.72 -37.97	110.59 5.84 -48.05	122.77 6.61 -53.23	147.10 9.50 -48.87	146.27 11.00 -30.55	144.27 10.24 -37.42	130.38 8.41 -43.32	128.37 6.29 -62.21	117.78 6.36 -51.43	111.93 6.40 -42.75
ASTORIA_GT2_3 24096	68.67 5.07 -7.21	65.81 4.89 -4.77	62.96 4.76 -2.17	61.74 4.49 -1.16	61.65 4.77 -0.79	64.80 4.89 -3.76	67.07 5.12 -5.67	64.05 5.01 -2.77	68.52 5.04 -7.44	67.77 5.46 -5.44	92.35 5.37 -30.46	93.82 5.54 -31.70	93.52 5.72 -31.16	98.78 5.78 -36.36	100.33 5.72 -37.97	110.59 5.84 -48.05	122.77 6.61 -53.23	147.10 9.50 -48.87	146.27 11.00 -30.55	144.27 10.24 -37.42	130.38 8.41 -43.32	128.37 6.29 -62.21	117.78 6.36 -51.43	111.93 6.40 -42.75
ASTORIA_GT2_4 24097	68.67 5.07 -7.21	65.81 4.89 -4.77	62.96 4.76 -2.17	61.74 4.49 -1.16	61.65 4.77 -0.79	64.80 4.89 -3.76	67.07 5.12 -5.67	64.05 5.01 -2.77	68.52 5.04 -7.44	67.77 5.46 -5.44	92.35 5.37 -30.46	93.82 5.54 -31.70	93.52 5.72 -31.16	98.78 5.78 -36.36	100.33 5.72 -37.97	110.59 5.84 -48.05	122.77 6.61 -53.23	147.10 9.50 -48.87	146.27 11.00 -30.55	144.27 10.24 -37.42	130.38 8.41 -43.32	128.37 6.29 -62.21	117.78 6.36 -51.43	111.93 6.40 -42.75
ASTORIA_GT3_1 24098	68.67 5.07 -7.21	65.81 4.89 -4.77	62.96 4.76 -2.17	61.74 4.49 -1.16	61.65 4.77 -0.79	64.80 4.89 -3.76	67.07 5.12 -5.67	64.05 5.01 -2.77	68.52 5.04 -7.44	67.77 5.46 -5.44	92.35 5.37 -30.46	93.82 5.54 -31.70	93.52 5.72 -31.16	98.78 5.78 -36.36	100.33 5.72 -37.97	110.59 5.84 -48.05	122.77 6.61 -53.23	147.10 9.50 -48.87	146.27 11.00 -30.55	144.27 10.24 -37.42	130.38 8.41 -43.32	128.37 6.29 -62.21	117.78 6.36 -51.43	111.93 6.40 -42.75
ASTORIA_GT3_2 24099	68.67 5.07 -7.21	65.81 4.89 -4.77	62.96 4.76 -2.17	61.74 4.49 -1.16	61.65 4.77 -0.79	64.80 4.89 -3.76	67.07 5.12 -5.67	64.05 5.01 -2.77	68.52 5.04 -7.44	67.77 5.46 -5.44	92.35 5.37 -30.46	93.82 5.54 -31.70	93.52 5.72 -31.16	98.78 5.78 -36.36	100.33 5.72 -37.97	110.59 5.84 -48.05	122.77 6.61 -53.23	147.10 9.50 -48.87	146.27 11.00 -30.55	144.27 10.24 -37.42	130.38 8.41 -43.32	128.37 6.29 -62.21	117.78 6.36 -51.43	111.93 6.40 -42.75
ASTORIA_GT3_3 24100	68.67 5.07 -7.21	65.81 4.89 -4.77	62.96 4.76 -2.17	61.74 4.49 -1.16	61.65 4.77 -0.79	64.80 4.89 -3.76	67.07 5.12 -5.67	64.05 5.01 -2.77	68.52 5.04 -7.44	67.77 5.46 -5.44	92.35 5.37 -30.46	93.82 5.54 -31.70	93.52 5.72 -31.16	98.78 5.78 -36.36	100.33 5.72 -37.97	110.59 5.84 -48.05	122.77 6.61 -53.23	147.10 9.50 -48.87	146.27 11.00 -30.55	144.27 10.24 -37.42	130.38 8.41 -43.32	128.37 6.29 -62.21	117.78 6.36 -51.43	111.93 6.40 -42.75
ASTORIA_GT3_4 24101	68.67 5.07 -7.21	65.81 4.89 -4.77	62.96 4.76 -2.17	61.74 4.49 -1.16	61.65 4.77 -0.79	64.80 4.89 -3.76	67.07 5.12 -5.67	64.05 5.01 -2.77	68.52 5.04 -7.44	67.77 5.46 -5.44	92.35 5.37 -30.46	93.82 5.54 -31.70	93.52 5.72 -31.16	98.78 5.78 -36.36	100.33 5.72 -37.97	110.59 5.84 -48.05	122.77 6.61 -53.23	147.10 9.50 -48.87	146.27 11.00 -30.55	144.27 10.24 -37.42	130.38 8.41 -43.32	128.37 6.29 -62.21	117.78 6.36 -51.43	111.93 6.40 -42.75
ASTORIA_GT4_1 24102	68.67 5.07 -7.21	65.81 4.89 -4.77	62.96 4.76 -2.17	61.74 4.49 -1.16	61.65 4.77 -0.79	64.80 4.89 -3.76	67.07 5.12 -5.67	64.05 5.01 -2.77	68.52 5.04 -7.44	67.77 5.46 -5.44	92.35 5.37 -30.46	93.82 5.54 -31.70	93.52 5.72 -31.16	98.78 5.78 -36.36	100.33 5.72 -37.97	110.59 5.84 -48.05	122.77 6.61 -53.23	147.10 9.50 -48.87	146.27 11.00 -30.55	144.27 10.24 -37.42	130.38 8.41 -43.32	128.37 6.29 -62.21	117.78 6.36 -51.43	111.93 6.40 -42.75
ASTORIA_GT4_2 24103	68.67 5.07 -7.21	65.81 4.89 -4.77	62.96 4.76 -2.17	61.74 4.49 -1.16	61.65 4.77 -0.79	64.80 4.89 -3.76	67.07 5.12 -5.67	64.05 5.01 -2.77	68.52 5.04 -7.44	67.77 5.46 -5.44	92.35 5.37 -30.46	93.82 5.54 -31.70	93.52 5.72 -31.16	98.78 5.78 -36.36	100.33 5.72 -37.97	110.59 5.84 -48.05	122.77 6.61 -53.23	147.10 9.50 -48.87	146.27 11.00 -30.55	144.27 10.24 -37.42	130.38 8.41 -43.32	128.37 6.29 -62.21	117.78 6.36 -51.43	111.93 6.40 -42.75
ASTORIA_GT4_3 24104	68.67 5.07 -7.21	65.81 4.89 -4.77	62.96 4.76 -2.17	61.74 4.49 -1.16	61.65 4.77 -0.79	64.80 4.89 -3.76	67.07 5.12 -5.67	64.05 5.01 -2.77	68.52 5.04 -7.44	67.77 5.46 -5.44	92.35 5.37 -30.46	93.82 5.54 -31.70	93.52 5.72 -31.16	98.78 5.78 -36.36	100.33 5.72 -37.97	110.59 5.84 -48.05	122.77 6.61 -53.23	147.10 9.50 -48.87	146.27 11.00 -30.55	144.27 10.24 -37.42	130.38 8.41 -43.32	128.37 6.29 -62.21	117.78 6.36 -51.43	111.93 6.40 -42.75

ASTORIA_GT4_4 24105	68.67 5.07 -7.21	65.81 4.89 -4.77	62.96 4.76 -2.17	61.74 4.49 -1.16	61.65 4.77 -0.79	64.80 4.89 -3.76	67.07 5.12 -5.67	64.05 5.01 -2.77	68.52 5.04 -7.44	67.77 5.46 -5.44	92.35 5.37 -30.46	93.82 5.54 -31.70	93.52 5.72 -31.16	98.78 5.78 -36.36	100.33 5.72 -37.97	110.59 5.84 -48.05	122.77 6.61 -53.23	147.10 9.50 -48.87	146.27 11.00 -30.55	144.27 10.24 -37.42	130.38 8.41 -43.32	128.37 6.29 -62.21	117.78 6.36 -51.43	111.93 6.40 -42.75
ASTORIA_GT_1 23523	68.78 5.18 -7.21	65.92 5.00 -4.77	63.02 4.82 -2.17	61.85 4.60 -1.16	61.71 4.82 -0.79	64.86 4.94 -3.76	67.18 5.23 -5.67	64.11 5.07 -2.77	68.63 5.15 -7.44	67.89 5.58 -5.44	92.46 5.48 -30.46	93.93 5.66 -31.69	93.57 5.78 -31.15	98.89 5.89 -36.37	100.39 5.78 -37.97	110.70 5.95 -48.05	122.90 6.74 -53.23	147.27 9.67 -48.86	146.48 11.21 -30.55	144.46 10.44 -37.41	130.53 8.57 -43.32	128.49 6.41 -62.21	117.90 6.48 -51.42	112.05 6.53 -42.75
ASTORIA_GT_10 24110	68.61 5.02 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	61.85 4.60 -1.16	61.43 4.54 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	63.99 4.95 -2.77	68.63 5.16 -7.44	67.77 5.46 -5.44	92.35 5.37 -30.46	93.82 5.54 -31.70	93.46 5.66 -31.16	98.73 5.72 -36.38	100.23 5.61 -37.98	112.00 5.78 -49.52	123.42 6.48 -54.00	147.10 9.50 -48.87	146.48 11.21 -30.55	144.37 10.34 -37.42	130.30 8.34 -43.32	128.26 6.17 -62.22	117.72 6.30 -51.43	111.99 6.47 -42.75
ASTORIA_GT_11 24225	68.61 5.02 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	61.85 4.60 -1.16	61.43 4.54 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	63.99 4.95 -2.77	68.63 5.16 -7.44	67.77 5.46 -5.44	92.35 5.37 -30.46	93.82 5.54 -31.70	93.46 5.66 -31.16	98.73 5.72 -36.38	100.23 5.61 -37.98	112.00 5.78 -49.52	123.42 6.48 -54.00	147.10 9.50 -48.87	146.48 11.21 -30.55	144.37 10.34 -37.42	130.30 8.34 -43.32	128.26 6.17 -62.22	117.72 6.30 -51.43	111.99 6.47 -42.75
ASTORIA_GT_12 24226	68.61 5.02 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	61.85 4.60 -1.16	61.43 4.54 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	63.99 4.95 -2.77	68.63 5.16 -7.44	67.77 5.46 -5.44	92.35 5.37 -30.46	93.82 5.54 -31.70	93.46 5.66 -31.16	98.73 5.72 -36.38	100.23 5.61 -37.98	112.00 5.78 -49.52	123.42 6.48 -54.00	147.10 9.50 -48.87	146.48 11.21 -30.55	144.37 10.34 -37.42	130.30 8.34 -43.32	128.26 6.17 -62.22	117.72 6.30 -51.43	111.99 6.47 -42.75
ASTORIA_GT_13 24227	68.61 5.02 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	61.85 4.60 -1.16	61.43 4.54 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	63.99 4.95 -2.77	68.63 5.16 -7.44	67.77 5.46 -5.44	92.35 5.37 -30.46	93.82 5.54 -31.70	93.46 5.66 -31.16	98.73 5.72 -36.38	100.23 5.61 -37.98	112.00 5.78 -49.52	123.42 6.48 -54.00	147.10 9.50 -48.87	146.48 11.21 -30.55	144.37 10.34 -37.42	130.30 8.34 -43.32	128.26 6.17 -62.22	117.72 6.30 -51.43	111.99 6.47 -42.75
ASTORIA_GT_5 24106	68.78 5.19 -7.21	65.92 5.00 -4.77	63.02 4.82 -2.17	61.80 4.54 -1.16	61.71 4.82 -0.79	64.86 4.94 -3.76	67.18 5.23 -5.67	64.11 5.06 -2.77	68.63 5.16 -7.44	67.83 5.52 -5.44	92.46 5.48 -30.46	93.94 5.66 -31.70	93.57 5.78 -31.16	98.89 5.89 -36.36	100.39 5.78 -37.97	110.70 5.95 -48.05	122.90 6.73 -53.23	147.28 9.67 -48.87	146.48 11.21 -30.55	144.47 10.43 -37.42	130.53 8.57 -43.32	128.49 6.41 -62.21	117.90 6.48 -51.43	112.05 6.53 -42.75
ASTORIA_GT_7 24107	68.78 5.19 -7.21	65.92 5.00 -4.77	63.02 4.82 -2.17	61.80 4.54 -1.16	61.71 4.82 -0.79	64.86 4.94 -3.76	67.18 5.23 -5.67	64.11 5.06 -2.77	68.63 5.16 -7.44	67.83 5.52 -5.44	92.46 5.48 -30.46	93.94 5.66 -31.70	93.57 5.78 -31.16	98.89 5.89 -36.36	100.39 5.78 -37.97	110.70 5.95 -48.05	122.90 6.73 -53.23	147.28 9.67 -48.87	146.48 11.21 -30.55	144.47 10.43 -37.42	130.53 8.57 -43.32	128.49 6.41 -62.21	117.90 6.48 -51.43	112.05 6.53 -42.75
ASTORIA_GT_8 24108	68.78 5.19 -7.21	65.92 5.00 -4.77	63.02 4.82 -2.17	61.80 4.54 -1.16	61.71 4.82 -0.79	64.86 4.94 -3.76	67.18 5.23 -5.67	64.11 5.06 -2.77	68.63 5.16 -7.44	67.83 5.52 -5.44	92.46 5.48 -30.46	93.94 5.66 -31.70	93.57 5.78 -31.16	98.89 5.89 -36.36	100.39 5.78 -37.97	110.70 5.95 -48.05	122.90 6.73 -53.23	147.28 9.67 -48.87	146.48 11.21 -30.55	144.47 10.43 -37.42	130.53 8.57 -43.32	128.49 6.41 -62.21	117.90 6.48 -51.43	112.05 6.53 -42.75
ASTORIA___2 24149	68.67 5.08 -7.21	65.87 4.94 -4.77	62.96 4.76 -2.17	61.74 4.49 -1.16	61.65 4.77 -0.79	64.80 4.88 -3.76	67.07 5.12 -5.67	64.05 5.01 -2.77	68.52 5.05 -7.44	67.77 5.46 -5.44	92.35 5.37 -30.46	93.82 5.55 -31.69	93.51 5.72 -31.15	98.78 5.78 -36.37	100.33 5.72 -37.97	110.59 5.84 -48.05	122.77 6.61 -53.23	147.10 9.50 -48.86	146.26 10.99 -30.55	144.26 10.24 -37.41	130.37 8.42 -43.32	128.37 6.28 -62.21	117.77 6.36 -51.42	111.93 6.41 -42.75
ASTORIA___3 23516	68.61 5.02 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	61.85 4.60 -1.16	61.43 4.54 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	63.99 4.95 -2.77	68.57 5.10 -7.44	67.83 5.52 -5.44	92.35 5.37 -30.46	93.83 5.55 -31.70	93.46 5.66 -31.16	98.73 5.72 -36.38	100.23 5.61 -37.98	112.00 5.79 -49.52	123.42 6.48 -54.00	147.11 9.50 -48.87	146.49 11.21 -30.56	144.37 10.34 -37.42	130.29 8.33 -43.32	128.26 6.17 -62.22	117.72 6.30 -51.43	111.99 6.47 -42.75
ASTORIA___4 23517	68.61 5.02 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	61.85 4.60 -1.16	61.43 4.54 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	63.99 4.95 -2.77	68.63 5.16 -7.44	67.77 5.46 -5.44	92.35 5.37 -30.46	93.82 5.54 -31.70	93.46 5.66 -31.16	98.73 5.72 -36.38	100.23 5.61 -37.98	112.00 5.78 -49.52	123.42 6.48 -54.00	147.10 9.50 -48.87	146.48 11.21 -30.55	144.37 10.34 -37.42	130.30 8.34 -43.32	128.26 6.17 -62.22	117.72 6.30 -51.43	111.99 6.47 -42.75
ASTORIA___5 23518	68.61 5.02 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	61.85 4.60 -1.16	61.43 4.54 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	63.99 4.95 -2.77	68.57 5.10 -7.44	67.83 5.52 -5.44	92.35 5.37 -30.46	93.83 5.55 -31.70	93.46 5.66 -31.16	98.73 5.72 -36.38	100.23 5.61 -37.98	112.00 5.79 -49.52	123.42 6.48 -54.00	147.11 9.50 -48.87	146.49 11.21 -30.56	144.37 10.34 -37.42	130.29 8.33 -43.32	128.26 6.17 -62.22	117.72 6.30 -51.43	111.99 6.47 -42.75
AST_ENERGY_2_CC3 323677	68.32 4.74 -7.20	65.41 4.49 -4.76	62.51 4.31 -2.16	61.62 4.38 -1.15	61.14 4.26 -0.79	64.29 4.38 -3.75	66.55 4.62 -5.67	63.77 4.73 -2.77	68.46 4.99 -7.44	67.60 5.29 -5.44	92.06 5.09 -30.45	93.59 5.32 -31.69	93.18 5.38 -31.16	98.50 5.49 -36.37	100.09 5.49 -37.96	110.35 5.61 -48.04	122.57 6.42 -53.21	146.66 9.06 -48.86	145.96 10.69 -30.55	143.89 9.86 -37.41	130.06 8.10 -43.32	127.86 6.11 -61.88	117.57 6.18 -51.39	111.67 6.16 -42.74
AST_ENERGY_2_CC4 323678	68.32 4.74 -7.20	65.41 4.49 -4.76	62.51 4.31 -2.16	61.62 4.38 -1.15	61.14 4.26 -0.79	64.29 4.38 -3.75	66.55 4.62 -5.67	63.77 4.73 -2.77	68.46 4.99 -7.44	67.60 5.29 -5.44	92.06 5.09 -30.45	93.59 5.32 -31.69	93.18 5.38 -31.16	98.50 5.49 -36.37	100.09 5.49 -37.96	110.35 5.61 -48.04	122.57 6.42 -53.21	146.66 9.06 -48.86	145.96 10.69 -30.55	143.89 9.86 -37.41	130.06 8.10 -43.32	127.86 6.11 -61.88	117.57 6.18 -51.39	111.67 6.16 -42.74



BARRETT_IC_5 23708	69.13 5.24 -7.50	65.93 5.00 -4.77	66.78 4.82 -5.93	62.01 4.77 -1.15	61.64 4.77 -0.79	65.56 4.94 -4.46	71.77 5.17 -10.32	73.65 5.23 -12.15	77.33 5.49 -15.80	76.88 5.86 -14.14	92.56 5.60 -30.44	93.96 5.71 -31.67	93.60 5.83 -31.13	98.98 6.00 -36.34	113.78 6.00 -51.14	130.83 6.18 -67.96	146.08 6.99 -76.16	153.35 10.02 -54.58	153.19 11.73 -36.74	152.52 10.82 -45.09	149.44 8.88 -61.91	148.97 6.65 -82.45	142.07 6.78 -75.29	123.58 6.84 -53.96
BARRETT_IC_6 23709	69.13 5.24 -7.50	65.93 5.00 -4.77	66.78 4.82 -5.93	62.01 4.77 -1.15	61.64 4.77 -0.79	65.56 4.94 -4.46	71.77 5.17 -10.32	73.65 5.23 -12.15	77.33 5.49 -15.80	76.88 5.86 -14.14	92.56 5.60 -30.44	93.96 5.71 -31.67	93.60 5.83 -31.13	98.98 6.00 -36.34	113.78 6.00 -51.14	130.83 6.18 -67.96	146.08 6.99 -76.16	153.35 10.02 -54.58	153.19 11.73 -36.74	152.52 10.82 -45.09	149.44 8.88 -61.91	148.97 6.65 -82.45	142.07 6.78 -75.29	123.58 6.84 -53.96
BARRETT_IC_7 23710	69.13 5.24 -7.50	65.87 4.94 -4.77	66.78 4.82 -5.93	61.96 4.71 -1.15	61.65 4.77 -0.79	65.56 4.94 -4.46	71.77 5.18 -10.32	73.65 5.23 -12.15	77.33 5.49 -15.80	76.82 5.80 -14.14	92.56 5.60 -30.44	93.97 5.71 -31.67	93.60 5.83 -31.13	98.98 6.00 -36.34	113.78 6.00 -51.14	130.83 6.18 -67.96	146.07 6.99 -76.15	153.35 10.03 -54.58	153.19 11.73 -36.73	152.51 10.82 -45.08	149.43 8.89 -61.91	148.96 6.65 -82.45	142.07 6.78 -75.29	123.58 6.84 -53.96
BARRETT_IC_8 23711	69.13 5.24 -7.50	65.93 5.00 -4.77	66.78 4.82 -5.93	62.01 4.77 -1.15	61.64 4.77 -0.79	65.56 4.94 -4.46	71.77 5.17 -10.32	73.65 5.23 -12.15	77.33 5.49 -15.80	76.88 5.86 -14.14	92.56 5.60 -30.44	93.96 5.71 -31.67	93.60 5.83 -31.13	98.98 6.00 -36.34	113.78 6.00 -51.14	130.83 6.18 -67.96	146.08 6.99 -76.16	153.35 10.02 -54.58	153.19 11.73 -36.74	152.52 10.82 -45.09	149.44 8.88 -61.91	148.97 6.65 -82.45	142.07 6.78 -75.29	123.58 6.84 -53.96
BARRETT_IC_9 23700	69.13 5.24 -7.50	65.93 5.00 -4.77	66.78 4.82 -5.93	62.01 4.77 -1.15	61.64 4.77 -0.79	65.56 4.94 -4.46	71.77 5.17 -10.32	73.65 5.23 -12.15	77.33 5.49 -15.80	76.88 5.86 -14.14	92.56 5.60 -30.44	93.96 5.71 -31.67	93.60 5.83 -31.13	98.98 6.00 -36.34	113.78 6.00 -51.14	130.83 6.18 -67.96	146.08 6.99 -76.16	153.35 10.02 -54.58	153.19 11.73 -36.74	152.52 10.82 -45.09	149.44 8.88 -61.91	148.97 6.65 -82.45	142.07 6.78 -75.29	123.58 6.84 -53.96
BARRETT___1 23545	69.13 5.24 -7.50	65.93 5.00 -4.77	66.78 4.82 -5.93	62.01 4.77 -1.15	61.64 4.77 -0.79	65.56 4.94 -4.46	71.77 5.17 -10.32	73.65 5.23 -12.15	77.33 5.49 -15.80	76.88 5.86 -14.14	92.56 5.60 -30.44	93.96 5.71 -31.67	93.60 5.83 -31.13	98.98 6.00 -36.34	113.78 6.00 -51.14	130.83 6.18 -67.96	146.08 6.99 -76.16	153.35 10.02 -54.58	153.19 11.73 -36.74	152.52 10.82 -45.09	149.44 8.88 -61.91	148.97 6.65 -82.45	142.07 6.78 -75.29	123.58 6.84 -53.96
BARRETT___2 23546	69.13 5.24 -7.50	65.93 5.00 -4.77	66.78 4.82 -5.93	62.01 4.77 -1.15	61.64 4.77 -0.79	65.56 4.94 -4.46	71.77 5.17 -10.32	73.65 5.23 -12.15	77.33 5.49 -15.80	76.88 5.86 -14.14	92.56 5.60 -30.44	93.96 5.71 -31.67	93.60 5.83 -31.13	98.98 6.00 -36.34	113.78 6.00 -51.14	130.83 6.18 -67.96	146.08 6.99 -76.16	153.35 10.02 -54.58	153.19 11.73 -36.74	152.52 10.82 -45.09	149.44 8.88 -61.91	148.97 6.65 -82.45	142.07 6.78 -75.29	123.58 6.84 -53.96
BATAVIA__115KV_TB1 55881	55.08 -2.31 -1.01	53.45 -3.37 -0.67	52.86 -3.47 -0.30	52.94 -3.31 -0.16	53.00 -3.20 -0.11	53.70 -2.98 -0.52	54.36 -2.70 -0.79	54.07 -2.59 -0.39	53.82 -3.25 -1.04	55.25 -2.39 -0.76	57.73 -3.05 -4.26	57.95 -3.06 -4.43	57.99 -3.00 -4.35	58.77 -2.95 -5.08	58.93 -3.00 -5.30	59.49 -2.95 -5.75	67.41 -2.45 -6.92	92.11 -3.46 -6.83	104.28 -4.71 -4.27	97.78 -4.06 -5.23	81.86 -2.83 -6.05	66.19 -2.10 -8.41	65.11 -2.04 -7.16	67.50 -1.26 -5.98
BAYONEEC___CTG1 323682	68.21 4.62 -7.20	65.30 4.38 -4.76	62.45 4.26 -2.16	61.51 4.26 -1.15	61.03 4.15 -0.79	64.18 4.27 -3.75	66.49 4.56 -5.67	63.66 4.62 -2.77	68.35 4.87 -7.44	67.54 5.23 -5.44	92.00 5.03 -30.45	93.54 5.26 -31.69	93.11 5.32 -31.16	98.39 5.38 -36.37	99.98 5.38 -37.96	110.29 5.56 -48.04	122.50 6.35 -53.21	146.56 8.96 -48.86	145.85 10.57 -30.55	143.78 9.75 -37.41	130.06 8.10 -43.32	127.80 6.04 -61.88	117.51 6.12 -51.39	111.60 6.09 -42.74
BAYONEEC___CTG10 323750	68.21 4.62 -7.20	65.30 4.38 -4.76	62.45 4.26 -2.16	61.51 4.26 -1.15	61.03 4.15 -0.79	64.18 4.27 -3.75	66.49 4.56 -5.67	63.66 4.62 -2.77	68.35 4.87 -7.44	67.54 5.23 -5.44	92.00 5.03 -30.45	93.54 5.26 -31.69	93.11 5.32 -31.16	98.39 5.38 -36.37	99.98 5.38 -37.96	110.29 5.56 -48.04	122.50 6.35 -53.21	146.56 8.96 -48.86	145.85 10.57 -30.55	143.78 9.75 -37.41	130.06 8.10 -43.32	127.80 6.04 -61.88	117.51 6.12 -51.39	111.60 6.09 -42.74
BAYONEEC___CTG2 323683	68.21 4.62 -7.20	65.30 4.38 -4.76	62.45 4.26 -2.16	61.51 4.26 -1.15	61.03 4.15 -0.79	64.18 4.27 -3.75	66.49 4.56 -5.67	63.66 4.62 -2.77	68.35 4.87 -7.44	67.54 5.23 -5.44	92.00 5.03 -30.45	93.54 5.26 -31.69	93.11 5.32 -31.16	98.39 5.38 -36.37	99.98 5.38 -37.96	110.29 5.56 -48.04	122.50 6.35 -53.21	146.56 8.96 -48.86	145.85 10.57 -30.55	143.78 9.75 -37.41	130.06 8.10 -43.32	127.80 6.04 -61.88	117.51 6.12 -51.39	111.60 6.09 -42.74
BAYONEEC___CTG3 323684	68.21 4.62 -7.20	65.30 4.38 -4.76	62.45 4.26 -2.16	61.51 4.26 -1.15	61.03 4.15 -0.79	64.18 4.27 -3.75	66.49 4.56 -5.67	63.66 4.62 -2.77	68.35 4.87 -7.44	67.54 5.23 -5.44	92.00 5.03 -30.45	93.54 5.26 -31.69	93.11 5.32 -31.16	98.39 5.38 -36.37	99.98 5.38 -37.96	110.29 5.56 -48.04	122.50 6.35 -53.21	146.56 8.96 -48.86	145.85 10.57 -30.55	143.78 9.75 -37.41	130.06 8.10 -43.32	127.80 6.04 -61.88	117.51 6.12 -51.39	111.60 6.09 -42.74
BAYONEEC___CTG4 323685	68.21 4.62 -7.20	65.30 4.38 -4.76	62.45 4.26 -2.16	61.51 4.26 -1.15	61.03 4.15 -0.79	64.18 4.27 -3.75	66.49 4.56 -5.67	63.66 4.62 -2.77	68.35 4.87 -7.44	67.54 5.23 -5.44	92.00 5.03 -30.45	93.54 5.26 -31.69	93.11 5.32 -31.16	98.39 5.38 -36.37	99.98 5.38 -37.96	110.29 5.56 -48.04	122.50 6.35 -53.21	146.56 8.96 -48.86	145.85 10.57 -30.55	143.78 9.75 -37.41	130.06 8.10 -43.32	127.80 6.04 -61.88	117.51 6.12 -51.39	111.60 6.09 -42.74
BAYONEEC___CTG5 323686	68.21 4.62 -7.20	65.30 4.38 -4.76	62.45 4.26 -2.16	61.51 4.26 -1.15	61.03 4.15 -0.79	64.18 4.27 -3.75	66.49 4.56 -5.67	63.66 4.62 -2.77	68.35 4.87 -7.44	67.54 5.23 -5.44	92.00 5.03 -30.45	93.54 5.26 -31.69	93.11 5.32 -31.16	98.39 5.38 -36.37	99.98 5.38 -37.96	110.29 5.56 -48.04	122.50 6.35 -53.21	146.56 8.96 -48.86	145.85 10.57 -30.55	143.78 9.75 -37.41	130.06 8.10 -43.32	127.80 6.04 -61.88	117.51 6.12 -51.39	111.60 6.09 -42.74
BAYONEEC___CTG6 323687	68.21 4.62 -7.20	65.30 4.38 -4.76	62.45 4.26 -2.16	61.51 4.26 -1.15	61.03 4.15 -0.79	64.18 4.27 -3.75	66.49 4.56 -5.67	63.66 4.62 -2.77	68.35 4.87 -7.44	67.54 5.23 -5.44	92.00 5.03 -30.45	93.54 5.26 -31.69	93.11 5.32 -31.16	98.39 5.38 -36.37	99.98 5.38 -37.96	110.29 5.56 -48.04	122.50 6.35 -53.21	146.56 8.96 -48.86	145.85 10.57 -30.55	143.78 9.75 -37.41	130.06 8.10 -43.32	127.80 6.04 -61.88	117.51 6.12 -51.39	111.60 6.09 -42.74



BINGHAMTON___COGEN 23790	59.02 0.28 -2.35	57.65 -0.06 -1.55	56.62 -0.11 -0.71	56.41 -0.06 -0.38	56.35 0.00 -0.26	57.55 0.17 -1.23	58.40 0.28 -1.85	57.51 0.34 -0.90	58.63 0.17 -2.43	59.22 0.57 -1.77	66.91 0.45 -9.94	67.38 0.45 -10.34	67.31 0.51 -10.17	69.07 0.57 -11.87	69.57 0.57 -12.37	70.74 0.62 -13.42	80.24 1.13 -16.17	106.37 1.69 -15.95	116.68 1.99 -9.97	110.66 1.84 -12.21	94.35 1.57 -14.14	80.59 1.08 -19.64	77.79 1.08 -16.71	77.98 1.26 -13.95
BIXINCNT_115KV_LOAD 355685	53.62 -4.00 -1.24	52.09 -4.89 -0.82	51.42 -4.99 -0.37	51.35 -4.94 -0.20	51.51 -4.71 -0.14	52.37 -4.44 -0.65	53.20 -4.05 -0.98	52.70 -4.05 -0.48	52.55 -4.76 -1.28	53.89 -3.92 -0.94	57.19 -4.58 -5.25	57.51 -4.53 -5.46	57.59 -4.42 -5.37	58.54 -4.36 -6.27	58.58 -4.59 -6.53	59.30 -4.48 -7.09	67.32 -4.15 -8.54	91.48 -5.68 -8.42	102.66 -7.33 -5.26	96.68 -6.38 -6.45	81.46 -4.64 -7.46	66.89 -3.35 -10.37	65.64 -3.18 -8.82	67.57 -2.57 -7.37
BLACK RIVER___HYD 24047	56.09 -0.62 -0.32	55.75 -0.62 -0.21	55.51 -0.62 -0.10	55.53 -0.62 -0.05	55.68 -0.45 -0.04	55.87 -0.45 -0.17	56.07 -0.45 -0.25	56.01 -0.39 -0.12	56.26 -0.11 -0.33	57.57 0.45 -0.24	58.90 1.02 -1.37	58.85 0.85 -1.42	58.88 0.85 -1.40	59.51 1.24 -1.63	59.64 1.30 -1.70	60.07 1.53 -1.84	66.86 1.70 -2.22	93.41 2.48 -2.19	108.81 2.72 -1.37	100.71 2.42 -1.68	82.55 1.97 -1.94	63.83 1.26 -2.70	63.07 0.78 -2.30	65.45 0.76 -1.92
BLACKRVR_115KV_TB2 79977	56.09 -0.62 -0.32	55.70 -0.67 -0.21	55.51 -0.62 -0.10	55.53 -0.62 -0.05	55.68 -0.45 -0.04	55.88 -0.45 -0.17	56.08 -0.45 -0.25	56.00 -0.39 -0.12	56.26 -0.11 -0.33	57.57 0.46 -0.24	58.90 1.02 -1.37	58.85 0.85 -1.42	58.88 0.85 -1.40	59.51 1.25 -1.63	59.64 1.30 -1.70	60.07 1.53 -1.84	66.86 1.70 -2.22	93.42 2.48 -2.19	108.82 2.72 -1.37	100.71 2.42 -1.68	82.55 1.97 -1.94	63.83 1.26 -2.70	63.01 0.72 -2.30	65.45 0.75 -1.92
BLISS_WT_PWR 323608	53.51 -4.11 -1.24	52.26 -4.72 -0.82	51.25 -5.15 -0.37	51.24 -5.05 -0.20	51.35 -4.88 -0.14	52.26 -4.55 -0.65	53.09 -4.16 -0.98	52.59 -4.16 -0.48	52.44 -4.88 -1.28	53.89 -3.92 -0.94	57.08 -4.69 -5.25	57.40 -4.64 -5.46	57.53 -4.48 -5.37	58.43 -4.48 -6.27	58.47 -4.70 -6.53	59.19 -4.59 -7.09	67.19 -4.28 -8.54	91.30 -5.86 -8.42	102.45 -7.54 -5.26	96.48 -6.57 -6.45	81.30 -4.80 -7.46	66.83 -3.41 -10.37	65.52 -3.30 -8.82	67.45 -2.70 -7.37
BLUESTONE___WT_PWR 323821	62.54 3.61 -2.54	61.26 3.43 -1.68	60.10 3.30 -0.76	59.81 3.31 -0.41	59.79 3.42 -0.28	61.08 3.60 -1.33	61.99 3.71 -2.00	61.02 3.77 -0.98	62.42 3.75 -2.63	63.28 4.49 -1.92	71.91 4.64 -10.76	72.46 4.69 -11.19	72.33 4.70 -11.00	74.35 4.87 -12.84	74.94 4.92 -13.38	76.37 5.16 -14.52	86.66 6.23 -17.49	114.87 8.87 -17.25	125.88 10.37 -10.79	119.29 9.47 -13.21	101.87 7.94 -15.29	86.93 5.81 -21.25	83.66 5.58 -18.08	84.03 6.16 -15.10
BLUE_CIRC_CHEM_DRP 24182	67.54 2.42 -8.74	64.35 2.41 -5.78	61.06 2.41 -2.62	59.90 2.41 -1.40	59.51 2.47 -0.95	63.18 2.47 -4.56	65.57 2.42 -6.88	62.05 2.42 -3.36	67.42 2.35 -9.03	65.85 2.39 -6.59	95.79 2.32 -36.96	97.29 2.26 -38.44	96.69 2.27 -37.79	102.96 2.21 -44.11	104.82 2.21 -45.98	108.62 2.04 -49.89	125.30 2.27 -60.10	151.03 3.02 -59.27	145.23 3.46 -37.06	145.28 3.28 -45.38	133.94 2.75 -52.55	135.11 2.22 -73.02	124.44 2.34 -62.11	117.28 2.64 -51.86
BOC_GAS_DRP 24189	67.32 2.09 -8.85	64.03 2.02 -5.85	60.70 2.02 -2.66	59.53 2.02 -1.42	59.08 2.02 -0.97	62.85 2.08 -4.61	65.32 2.08 -6.96	61.76 2.08 -3.40	67.25 2.07 -9.14	65.71 2.16 -6.67	96.09 2.15 -37.43	97.66 2.15 -38.93	97.06 2.15 -38.27	103.41 2.10 -44.68	105.29 2.10 -46.56	109.26 2.04 -50.52	126.07 2.27 -60.87	151.88 3.11 -60.03	145.92 3.67 -37.53	145.95 3.38 -45.96	134.69 2.83 -53.22	135.92 2.10 -73.95	125.05 2.16 -62.90	117.68 2.39 -52.52
BOONVILLE_115KV_TB1 79983	57.63 1.01 -0.24	57.27 0.95 -0.16	57.05 0.95 -0.07	57.08 0.95 -0.04	57.13 1.01 -0.03	57.35 1.07 -0.12	57.58 1.13 -0.19	57.49 1.13 -0.09	57.51 1.23 -0.24	58.70 1.65 -0.18	59.44 1.92 -1.00	59.49 1.87 -1.04	59.53 1.87 -1.02	59.87 2.04 -1.19	59.98 2.10 -1.24	60.25 2.21 -1.35	67.02 2.45 -1.63	93.81 3.46 -1.60	109.71 3.98 -1.00	101.41 3.57 -1.23	83.05 2.99 -1.42	64.00 2.16 -1.98	63.54 1.86 -1.68	66.25 2.07 -1.40
BORALEX_4TH_BRANCH 23824	68.97 3.72 -8.86	65.67 3.65 -5.86	62.39 3.70 -2.66	61.04 3.53 -1.42	60.65 3.59 -0.97	64.48 3.71 -4.62	66.91 3.66 -6.98	63.28 3.60 -3.41	68.78 3.59 -9.16	67.31 3.75 -6.68	97.69 3.67 -37.49	99.09 3.51 -39.00	98.49 3.51 -38.34	104.96 3.57 -44.75	106.79 3.51 -46.64	110.93 3.63 -50.61	128.06 4.15 -60.97	154.73 5.86 -60.13	149.12 6.81 -37.59	148.93 6.28 -46.04	137.06 5.11 -53.31	137.61 3.65 -74.08	126.60 3.60 -63.01	118.91 3.52 -52.62
BOWLINE___1 23526	67.03 3.66 -6.99	64.20 3.43 -4.62	61.43 3.30 -2.10	60.52 3.31 -1.12	60.11 3.25 -0.76	63.23 3.43 -3.64	65.38 3.60 -5.50	62.67 3.71 -2.69	67.12 3.86 -7.22	66.29 4.15 -5.27	90.26 4.18 -29.56	91.68 4.36 -30.74	91.28 4.42 -30.22	96.39 4.47 -35.28	97.83 4.42 -36.77	101.41 4.54 -40.18	116.25 5.10 -48.22	143.60 7.46 -47.41	143.16 8.80 -29.64	141.02 8.12 -36.30	127.27 6.61 -42.03	123.27 4.85 -58.55	114.80 5.10 -49.71	109.40 5.15 -41.48
BOWLINE___2 23595	67.09 3.72 -6.99	64.32 3.54 -4.62	61.55 3.42 -2.10	60.63 3.42 -1.12	60.16 3.31 -0.76	63.28 3.48 -3.64	65.48 3.71 -5.50	62.73 3.77 -2.69	67.23 3.98 -7.22	66.41 4.27 -5.27	90.32 4.24 -29.56	91.74 4.42 -30.75	91.34 4.47 -30.23	96.39 4.47 -35.28	97.89 4.47 -36.78	101.47 4.59 -40.18	116.32 5.16 -48.22	143.78 7.63 -47.41	143.26 8.90 -29.64	141.22 8.31 -36.30	127.43 6.76 -42.03	123.39 4.97 -58.55	114.81 5.10 -49.71	109.41 5.15 -41.48
BRADY___115KV_TB2 356060	55.20 -1.18 0.00	55.31 -0.84 0.00	55.25 -0.78 0.00	55.25 -0.84 0.00	55.19 -0.90 0.00	55.09 -1.07 0.00	55.09 -1.18 0.00	55.20 -1.07 0.00	55.03 -1.01 0.00	55.62 -1.25 0.00	55.50 -1.02 0.00	55.51 -1.08 0.00	55.45 -1.19 0.00	55.50 -1.13 0.00	55.50 -1.13 0.00	55.44 -1.25 0.00	60.36 -2.58 0.00	85.19 -3.55 0.00	100.64 -4.08 0.00	92.75 -3.86 0.00	75.26 -3.38 0.00	57.60 -2.28 0.00	57.66 -2.34 0.00	60.01 -2.76 0.00
BRANSCOMB___SOLAR 323811	69.11 3.61 -9.11	65.67 3.48 -6.03	62.24 3.48 -2.74	60.97 3.42 -1.46	60.57 3.48 -1.00	64.45 3.54 -4.75	66.88 3.43 -7.17	63.21 3.43 -3.50	68.81 3.36 -9.42	67.22 3.47 -6.87	98.12 3.05 -38.55	99.91 3.22 -40.10	99.23 3.17 -39.42	105.77 3.11 -46.02	107.77 3.17 -47.96	112.02 3.29 -52.04	129.47 3.84 -62.70	156.08 5.50 -61.83	149.77 6.39 -38.66	149.94 5.99 -47.34	138.33 4.88 -54.82	140.18 4.13 -76.18	128.81 4.02 -64.79	121.09 4.21 -54.10
BRENTWOD_69_KV_W. BRTWOOD 56703	70.20 6.31 -7.50	67.00 6.06 -4.77	67.90 5.94 -5.93	62.91 5.67 -1.15	62.71 5.83 -0.79	66.63 6.01 -4.46	72.84 6.25 -10.32	74.78 6.36 -12.15	78.34 6.50 -15.80	77.79 6.77 -14.14	93.46 6.50 -30.44	94.70 6.45 -31.67	94.39 6.63 -31.13	99.83 6.85 -36.34	114.57 6.80 -51.14	131.62 6.97 -67.96	147.02 7.93 -76.15	154.68 11.36 -54.58	154.76 13.30 -36.73	154.06 12.37 -45.08	150.69 10.14 -61.91	149.80 7.48 -82.45	142.91 7.62 -75.29	124.52 7.78 -53.96



BRISTLHL_115KV_TB1 79998	55.95 -1.01 -0.58	55.31 -1.24 -0.38	54.92 -1.29 -0.17	54.89 -1.29 -0.09	54.86 -1.29 -0.06	55.22 -1.24 -0.30	55.49 -1.24 -0.46	55.31 -1.18 -0.22	55.46 -1.18 -0.60	56.40 -0.91 -0.44	58.08 -0.90 -2.46	58.29 -0.85 -2.56	58.30 -0.85 -2.52	58.72 -0.85 -2.94	58.91 -0.79 -3.06	59.28 -0.74 -3.32	66.31 -0.63 -4.00	91.80 -0.89 -3.95	106.35 -0.84 -2.47	98.76 -0.87 -3.02	81.43 -0.71 -3.50	64.14 -0.60 -4.86	63.47 -0.66 -4.14	65.60 -0.63 -3.45
BROOKHAVEN___DRP 24191	70.37 6.48 -7.50	67.11 6.18 -4.77	68.02 6.05 -5.93	63.02 5.78 -1.15	62.88 6.00 -0.79	66.79 6.18 -4.46	73.01 6.42 -10.32	74.83 6.42 -12.15	78.28 6.44 -15.80	77.90 6.88 -14.14	93.52 6.56 -30.44	94.70 6.45 -31.67	94.39 6.63 -31.13	99.77 6.80 -36.34	114.52 6.74 -51.14	131.45 6.80 -67.96	146.95 7.87 -76.15	154.59 11.27 -54.58	154.65 13.20 -36.73	153.96 12.27 -45.08	150.45 9.91 -61.91	149.98 7.66 -82.45	143.09 7.80 -75.29	124.64 7.91 -53.96
BROOKLYN_NAVY_YARD 23515	68.26 4.68 -7.20	65.30 4.38 -4.76	62.45 4.26 -2.16	61.51 4.26 -1.15	60.97 4.09 -0.79	64.18 4.27 -3.75	66.49 4.56 -5.67	63.71 4.67 -2.77	68.41 4.93 -7.44	67.60 5.29 -5.44	92.06 5.09 -30.45	93.54 5.26 -31.69	93.18 5.38 -31.16	98.44 5.44 -36.37	100.09 5.49 -37.96	110.46 5.72 -48.04	122.70 6.55 -53.21	146.83 9.23 -48.86	146.06 10.79 -30.55	143.98 9.95 -37.41	130.13 8.18 -43.32	127.98 6.23 -61.88	117.68 6.30 -51.39	111.60 6.09 -42.74
BROOKLYN___ARMY_DRP 323595	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.08 4.82 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	67.94 5.63 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.67 6.73 -54.00	147.81 10.21 -48.87	147.22 11.94 -30.55	145.05 11.01 -37.42	130.77 8.81 -43.32	128.55 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75
BROOKVLE_69_KV_TB1 55790	69.47 5.58 -7.50	66.21 5.28 -4.77	67.18 5.21 -5.93	62.29 5.05 -1.15	61.98 5.10 -0.79	65.90 5.28 -4.46	72.11 5.51 -10.32	74.05 5.63 -12.15	77.67 5.83 -15.80	77.22 6.20 -14.14	92.96 5.99 -30.44	94.36 6.11 -31.67	94.00 6.23 -31.13	99.38 6.40 -36.34	114.18 6.40 -51.14	131.23 6.58 -67.96	146.64 7.55 -76.15	154.23 10.92 -54.58	154.34 12.88 -36.73	153.58 11.88 -45.08	150.22 9.67 -61.91	149.56 7.24 -82.45	142.49 7.20 -75.29	124.02 7.28 -53.96
BROOME_2_LFGE 323671	59.02 0.28 -2.35	57.77 0.06 -1.55	56.62 -0.11 -0.71	56.41 -0.06 -0.38	56.35 0.00 -0.26	57.55 0.17 -1.23	58.41 0.28 -1.85	57.52 0.34 -0.90	58.63 0.17 -2.43	59.27 0.63 -1.77	66.86 0.40 -9.94	67.37 0.45 -10.34	67.31 0.51 -10.17	69.07 0.57 -11.87	69.57 0.57 -12.37	70.74 0.62 -13.42	80.24 1.13 -16.17	106.37 1.68 -15.95	116.68 1.98 -9.97	110.65 1.83 -12.21	94.35 1.57 -14.14	80.60 1.08 -19.64	77.79 1.08 -16.71	77.98 1.26 -13.95
BROOME___LFGE 323600	59.02 0.28 -2.35	57.77 0.06 -1.55	56.62 -0.11 -0.71	56.41 -0.06 -0.38	56.35 0.00 -0.26	57.55 0.17 -1.23	58.41 0.28 -1.85	57.52 0.34 -0.90	58.63 0.17 -2.43	59.27 0.63 -1.77	66.86 0.40 -9.94	67.37 0.45 -10.34	67.31 0.51 -10.17	69.07 0.57 -11.87	69.57 0.57 -12.37	70.74 0.62 -13.42	80.24 1.13 -16.17	106.37 1.68 -15.95	116.68 1.98 -9.97	110.65 1.83 -12.21	94.35 1.57 -14.14	80.60 1.08 -19.64	77.79 1.08 -16.71	77.98 1.26 -13.95
BROWNFLS_115KV_TB_3_5 80003	54.64 -1.92 -0.17	54.53 -1.74 -0.11	54.40 -1.68 -0.05	54.38 -1.74 -0.03	54.43 -1.68 -0.02	54.39 -1.85 -0.09	54.49 -1.91 -0.14	54.54 -1.80 -0.07	54.59 -1.63 -0.18	55.47 -1.54 -0.13	56.06 -1.19 -0.73	56.04 -1.30 -0.76	56.02 -1.36 -0.75	56.32 -1.19 -0.87	56.41 -1.13 -0.91	56.54 -1.13 -0.98	62.17 -1.95 -1.19	87.34 -2.57 -1.17	102.42 -3.04 -0.73	94.51 -2.99 -0.90	77.16 -2.52 -1.04	59.40 -1.92 -1.44	59.12 -2.10 -1.23	61.41 -2.39 -1.02
BROWNSV1_27_KV_LOAD 356125	68.66 5.07 -7.20	65.75 4.83 -4.76	62.84 4.65 -2.16	61.90 4.66 -1.15	61.42 4.54 -0.79	64.63 4.72 -3.75	66.89 4.95 -5.67	64.10 5.06 -2.77	68.80 5.32 -7.44	68.00 5.69 -5.44	92.46 5.48 -30.45	93.99 5.71 -31.69	93.62 5.83 -31.16	98.90 5.89 -36.37	100.49 5.89 -37.96	110.86 6.12 -48.04	123.07 6.92 -53.21	147.54 9.94 -48.86	146.90 11.62 -30.55	144.85 10.82 -37.41	130.76 8.81 -43.32	128.40 6.65 -61.88	118.11 6.72 -51.39	112.17 6.65 -42.74
BURROWS___LYONSDAL 23803	57.30 0.68 -0.24	56.93 0.62 -0.16	56.72 0.62 -0.07	56.75 0.62 -0.04	56.79 0.67 -0.03	57.01 0.73 -0.12	57.19 0.73 -0.19	57.10 0.73 -0.09	57.18 0.90 -0.25	58.36 1.31 -0.18	59.17 1.64 -1.01	59.16 1.53 -1.05	59.20 1.53 -1.03	59.59 1.76 -1.20	59.70 1.81 -1.25	59.92 1.87 -1.36	66.72 2.14 -1.64	93.29 2.93 -1.62	109.08 3.35 -1.01	100.94 3.09 -1.24	82.59 2.52 -1.43	63.66 1.80 -1.99	63.19 1.50 -1.69	65.82 1.63 -1.41
CAITHNESS_CC_1 323624	70.14 6.26 -7.50	67.00 6.07 -4.77	67.85 5.88 -5.93	63.02 5.78 -1.15	62.71 5.83 -0.79	66.63 6.01 -4.46	72.84 6.25 -10.32	74.66 6.25 -12.15	78.17 6.33 -15.80	77.78 6.76 -14.14	93.35 6.38 -30.44	94.53 6.28 -31.67	94.22 6.45 -31.13	99.60 6.62 -36.34	114.34 6.57 -51.14	131.34 6.69 -67.96	146.76 7.68 -76.15	154.32 11.00 -54.58	154.34 12.88 -36.73	153.67 11.98 -45.08	150.29 9.75 -61.91	149.74 7.42 -82.45	142.85 7.56 -75.29	124.45 7.72 -53.96
CALPINE BETH_PAGE_GT4 24209	69.52 5.64 -7.50	66.27 5.33 -4.77	67.18 5.21 -5.93	62.29 5.05 -1.15	61.98 5.10 -0.79	65.95 5.33 -4.46	72.17 5.57 -10.32	74.05 5.63 -12.15	77.72 5.88 -15.80	77.22 6.20 -14.14	92.90 5.93 -30.44	94.25 6.00 -31.67	93.94 6.17 -31.13	99.32 6.34 -36.34	114.12 6.34 -51.14	131.17 6.52 -67.96	146.51 7.43 -76.15	154.06 10.74 -54.58	154.02 12.57 -36.73	153.38 11.69 -45.08	150.06 9.52 -61.91	149.44 7.12 -82.45	142.49 7.20 -75.29	124.02 7.28 -53.96
CALPINE_BETH_PAGE_GT_4 323586	69.52 5.64 -7.50	66.32 5.39 -4.77	67.18 5.21 -5.93	62.40 5.16 -1.15	61.98 5.10 -0.79	65.95 5.34 -4.46	72.17 5.57 -10.32	74.05 5.63 -12.15	77.72 5.88 -15.80	77.22 6.20 -14.14	92.90 5.93 -30.44	94.25 5.99 -31.67	93.94 6.17 -31.13	99.32 6.34 -36.34	114.12 6.34 -51.14	131.17 6.52 -67.96	146.51 7.42 -76.15	154.05 10.73 -54.58	154.02 12.56 -36.74	153.38 11.69 -45.08	150.06 9.51 -61.91	149.44 7.12 -82.45	142.49 7.20 -75.29	124.01 7.28 -53.96
CALPINE_BP_GT1 23823	69.52 5.64 -7.50	66.32 5.39 -4.77	67.18 5.21 -5.93	62.40 5.16 -1.15	61.98 5.10 -0.79	65.95 5.34 -4.46	72.17 5.57 -10.32	74.05 5.63 -12.15	77.72 5.88 -15.80	77.22 6.20 -14.14	92.90 5.93 -30.44	94.25 5.99 -31.67	93.94 6.17 -31.13	99.32 6.34 -36.34	114.12 6.34 -51.14	131.17 6.52 -67.96	146.51 7.42 -76.15	154.05 10.73 -54.58	154.02 12.56 -36.74	153.38 11.69 -45.08	150.06 9.51 -61.91	149.44 7.12 -82.45	142.49 7.20 -75.29	124.01 7.28 -53.96
CALSPAN___DRP 24200	53.99 -3.55 -1.16	52.32 -4.60 -0.77	51.78 -4.59 -0.35	51.73 -4.54 -0.19	51.84 -4.38 -0.13	52.66 -4.10 -0.61	53.36 -3.83 -0.92	52.89 -3.83 -0.45	52.64 -4.59 -1.20	54.00 -3.75 -0.88	56.92 -4.52 -4.92	57.17 -4.53 -5.12	57.31 -4.36 -5.03	58.15 -4.36 -5.87	58.28 -4.47 -6.12	58.91 -4.42 -6.64	66.85 -4.09 -8.00	90.78 -5.86 -7.89	102.01 -7.64 -4.93	95.99 -6.67 -6.04	80.76 -4.88 -7.00	66.06 -3.53 -9.72	65.03 -3.24 -8.27	67.23 -2.45 -6.91

CALVERTON___SOLAR 323806	70.53 6.65 -7.50	67.33 6.40 -4.77	68.24 6.27 -5.93	63.41 6.17 -1.15	63.05 6.17 -0.79	67.02 6.40 -4.46	73.23 6.64 -10.32	75.00 6.58 -12.15	78.50 6.67 -15.80	78.19 7.17 -14.14	93.69 6.72 -30.44	94.87 6.62 -31.67	94.62 6.85 -31.13	100.00 7.02 -36.34	114.74 6.96 -51.14	131.68 7.03 -67.96	147.21 8.12 -76.15	154.94 11.62 -54.58	155.07 13.61 -36.73	154.35 12.65 -45.08	150.76 10.22 -61.91	150.22 7.90 -82.45	143.33 8.04 -75.29	124.89 8.16 -53.96
CANDIGU_WT_PWR 323617	56.69 -1.29 -1.60	55.42 -1.80 -1.06	54.44 -2.07 -0.48	54.33 -2.02 -0.26	54.42 -1.85 -0.17	55.42 -1.57 -0.83	56.18 -1.35 -1.26	55.54 -1.35 -0.62	55.95 -1.74 -1.65	57.06 -1.02 -1.21	61.71 -1.58 -6.77	62.04 -1.58 -7.04	62.09 -1.47 -6.92	63.25 -1.47 -8.08	63.53 -1.53 -8.42	64.47 -1.36 -9.14	73.13 -0.82 -11.01	98.63 -0.97 -10.86	110.15 -1.36 -6.79	103.77 -1.16 -8.31	87.63 -0.63 -9.63	72.71 -0.54 -13.38	70.89 -0.48 -11.38	72.28 0.00 -9.50
CARR STREET_E_SYR 24060	56.48 -0.56 -0.66	55.86 -0.73 -0.44	55.39 -0.84 -0.20	55.36 -0.84 -0.11	55.32 -0.84 -0.07	55.72 -0.79 -0.35	56.12 -0.67 -0.52	55.85 -0.67 -0.25	56.05 -0.67 -0.68	57.04 -0.34 -0.50	58.93 -0.39 -2.80	59.10 -0.39 -2.92	59.17 -0.34 -2.87	59.65 -0.34 -3.35	59.79 -0.34 -3.49	60.19 -0.28 -3.78	67.50 0.00 -4.56	93.15 -0.09 -4.50	107.53 0.00 -2.81	100.05 0.00 -3.44	82.63 0.00 -3.99	65.35 -0.06 -5.54	64.59 -0.12 -4.71	66.65 -0.06 -3.93
CARTHAGE___PAPER 23857	55.77 -0.90 -0.29	55.40 -0.95 -0.19	55.22 -0.90 -0.09	55.24 -0.90 -0.05	55.34 -0.79 -0.03	55.52 -0.79 -0.15	55.72 -0.79 -0.23	55.71 -0.67 -0.11	55.89 -0.45 -0.30	57.04 -0.06 -0.22	58.21 0.45 -1.24	58.15 0.28 -1.29	58.19 0.28 -1.27	58.68 0.57 -1.48	58.80 0.62 -1.54	59.22 0.85 -1.67	65.77 0.82 -2.02	91.97 1.24 -1.99	107.32 1.36 -1.24	99.30 1.16 -1.52	81.27 0.87 -1.76	62.74 0.42 -2.45	62.14 0.06 -2.08	64.39 -0.13 -1.74
CASSADAGA_WT_PWR 323784	53.62 -4.00 -1.24	51.81 -5.17 -0.82	50.97 -5.43 -0.37	51.58 -4.71 -0.20	51.23 -4.99 -0.14	52.14 -4.66 -0.65	53.48 -3.77 -0.97	52.24 -4.50 -0.48	52.04 -5.27 -1.28	53.48 -4.32 -0.93	56.61 -5.14 -5.23	56.93 -5.09 -5.44	56.95 -5.04 -5.35	57.84 -5.04 -6.25	57.94 -5.21 -6.51	58.71 -5.05 -7.06	66.79 -4.66 -8.51	91.01 -6.12 -8.39	102.11 -7.86 -5.25	96.27 -6.77 -6.43	81.28 -4.80 -7.44	66.62 -3.59 -10.34	65.43 -3.36 -8.79	67.99 -2.13 -7.34
CE_DUNWOOD___DRP 24194	67.79 4.23 -7.18	64.89 3.99 -4.75	62.05 3.87 -2.16	61.06 3.81 -1.15	60.63 3.76 -0.78	63.83 3.93 -3.74	66.09 4.16 -5.65	63.31 4.28 -2.76	67.93 4.48 -7.42	67.07 4.78 -5.41	91.52 4.63 -30.36	92.97 4.81 -31.58	92.56 4.87 -31.05	97.86 4.98 -36.24	99.34 4.93 -37.78	103.21 5.10 -41.42	118.33 5.79 -49.61	145.78 8.34 -48.70	145.01 9.08 -30.45	142.98 9.08 -37.29	129.28 7.47 -43.17	125.60 5.51 -60.22	116.66 5.58 -51.08	110.97 5.59 -42.61
CE_MILLWOOD___DRP 24193	67.59 4.06 -7.14	64.70 3.82 -4.73	61.93 3.75 -2.15	60.94 3.70 -1.15	60.52 3.65 -0.78	63.70 3.82 -3.73	65.89 4.00 -5.62	63.13 4.11 -2.75	67.73 4.31 -7.38	66.87 4.61 -5.39	91.26 4.52 -30.22	92.72 4.70 -31.44	92.30 4.76 -30.91	97.53 4.81 -36.08	99.00 4.76 -37.60	102.79 4.93 -41.16	117.88 5.60 -49.34	145.38 8.16 -48.48	144.66 9.63 -30.30	142.62 8.89 -37.12	128.85 7.23 -42.97	125.11 5.33 -59.91	116.30 5.46 -50.84	110.65 5.46 -42.41
CE_NYC2_DRP 24202	68.61 5.02 -7.21	65.64 4.72 -4.77	62.80 4.59 -2.17	61.85 4.60 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.84 4.90 -5.67	63.99 4.95 -2.77	68.63 5.16 -7.44	67.83 5.52 -5.44	92.35 5.37 -30.46	93.82 5.54 -31.70	93.46 5.66 -31.16	98.73 5.72 -36.38	100.28 5.66 -37.98	112.00 5.78 -49.52	123.49 6.55 -54.00	147.19 9.58 -48.87	146.48 11.21 -30.55	144.37 10.34 -37.42	130.38 8.41 -43.32	128.31 6.23 -62.22	117.78 6.36 -51.43	111.99 6.47 -42.75
CE_NYC_DRP 24195	68.32 4.74 -7.20	65.35 4.44 -4.76	62.51 4.31 -2.16	61.51 4.26 -1.15	61.08 4.21 -0.79	64.29 4.38 -3.75	66.55 4.61 -5.67	63.77 4.73 -2.77	68.46 4.99 -7.44	67.60 5.29 -5.44	92.06 5.09 -30.45	93.59 5.32 -31.69	93.17 5.38 -31.15	98.50 5.49 -36.37	100.09 5.49 -37.96	110.10 5.67 -47.74	122.47 6.48 -53.05	146.83 9.23 -48.86	146.06 10.79 -30.55	143.98 9.95 -37.41	130.13 8.18 -43.32	127.79 6.11 -61.81	117.56 6.18 -51.38	111.67 6.15 -42.74
CHAFFEE___LFGE 323603	53.92 -3.66 -1.20	52.63 -4.32 -0.80	51.68 -4.71 -0.36	51.69 -4.60 -0.19	51.79 -4.43 -0.13	52.63 -4.15 -0.63	53.34 -3.88 -0.95	52.85 -3.88 -0.46	52.68 -4.59 -1.24	54.20 -3.58 -0.91	57.08 -4.52 -5.09	57.40 -4.47 -5.29	57.48 -4.36 -5.20	58.40 -4.31 -6.07	58.49 -4.48 -6.33	59.19 -4.36 -6.86	67.18 -4.03 -8.27	91.13 -5.77 -8.16	102.28 -7.54 -5.10	96.28 -6.57 -6.24	81.07 -4.80 -7.23	66.45 -3.47 -10.05	65.30 -3.24 -8.55	67.40 -2.51 -7.14
CHATEAUG_35_KV_LOAD 355732	55.48 -0.90 0.00	55.65 -0.51 0.00	55.41 -0.62 0.00	55.47 -0.62 0.00	55.31 -0.79 0.00	55.31 -0.84 0.00	54.87 -1.41 0.00	55.20 -1.07 0.00	55.19 -0.84 0.00	55.68 -1.19 0.00	55.28 -1.24 0.00	55.22 -1.36 0.00	55.33 -1.30 0.00	55.11 -1.53 0.00	55.05 -1.59 0.00	54.93 -1.76 0.00	60.80 -2.14 0.00	85.99 -2.75 0.00	101.69 -3.04 0.00	93.71 -2.90 0.00	75.89 -2.75 0.00	57.90 -1.98 0.00	58.08 -1.92 0.00	61.21 -1.57 0.00
CHATEAUG_WT_PWR 323614	55.20 -1.19 0.00	55.32 -0.84 0.00	55.19 -0.84 0.00	55.19 -0.90 0.00	55.08 -1.01 0.00	55.03 -1.12 0.00	54.59 -1.69 0.00	54.92 -1.35 0.00	54.91 -1.12 0.00	55.40 -1.48 0.00	55.00 -1.52 0.00	55.00 -1.58 0.00	55.05 -1.59 0.00	54.82 -1.81 0.00	54.77 -1.87 0.00	54.65 -2.04 0.00	60.48 -2.46 0.00	85.55 -3.19 0.00	101.16 -3.56 0.00	93.14 -3.47 0.00	75.49 -3.15 0.00	57.60 -2.28 0.00	57.78 -2.22 0.00	61.02 -1.76 0.00
CHAT_HIGH_FALL_HYD 323578	55.48 -0.90 0.00	55.65 -0.51 0.00	55.41 -0.62 0.00	55.47 -0.62 0.00	55.31 -0.79 0.00	55.31 -0.84 0.00	54.87 -1.41 0.00	55.20 -1.07 0.00	55.19 -0.84 0.00	55.68 -1.19 0.00	55.28 -1.24 0.00	55.22 -1.36 0.00	55.33 -1.30 0.00	55.11 -1.53 0.00	55.05 -1.59 0.00	54.93 -1.76 0.00	60.80 -2.14 0.00	85.99 -2.75 0.00	101.69 -3.04 0.00	93.71 -2.90 0.00	75.89 -2.75 0.00	57.90 -1.98 0.00	58.08 -1.92 0.00	61.21 -1.57 0.00
CHAUTAUQUA___LFGE 323629	54.39 -3.21 -1.22	52.92 -4.04 -0.80	52.02 -4.37 -0.37	52.19 -4.09 -0.19	52.18 -4.04 -0.13	53.03 -3.76 -0.63	53.91 -3.32 -0.96	53.25 -3.49 -0.47	53.09 -4.20 -1.26	54.55 -3.24 -0.92	57.54 -4.12 -5.14	57.85 -4.07 -5.35	57.93 -3.97 -5.26	58.87 -3.91 -6.14	58.95 -4.08 -6.40	59.66 -3.97 -6.94	67.77 -3.52 -8.36	92.11 -4.88 -8.25	103.38 -6.49 -5.15	97.32 -5.61 -6.31	82.02 -3.93 -7.31	67.16 -2.87 -10.16	65.94 -2.70 -8.64	68.23 -1.76 -7.21
CHERRYST_13_KV_LD 356241	68.43 4.85 -7.20	65.47 4.55 -4.76	62.62 4.43 -2.16	61.68 4.43 -1.15	61.20 4.32 -0.79	64.40 4.49 -3.75	66.67 4.73 -5.67	63.88 4.84 -2.77	68.57 5.10 -7.44	67.77 5.46 -5.44	92.23 5.26 -30.45	93.76 5.49 -31.69	93.34 5.55 -31.15	98.67 5.66 -36.37	100.26 5.66 -37.96	110.27 5.84 -47.74	122.60 6.61 -53.05	147.09 9.50 -48.86	146.37 11.10 -30.55	144.27 10.24 -37.41	130.37 8.41 -43.32	127.97 6.29 -61.81	117.74 6.36 -51.38	111.85 6.34 -42.74

CHESTROR_138KV_BK263 355645	66.48 3.38 -6.71	63.74 3.14 -4.44	61.13 3.08 -2.02	60.20 3.03 -1.08	59.85 3.03 -0.73	62.80 3.14 -3.50	64.88 3.32 -5.28	62.17 3.32 -2.58	66.44 3.47 -6.94	65.63 3.70 -5.06	88.53 3.62 -28.39	89.85 3.73 -29.53	89.46 3.79 -29.03	94.38 3.85 -33.89	95.81 3.85 -35.32	99.04 3.97 -38.38	113.67 4.53 -46.20	140.94 6.66 -45.54	141.05 7.85 -28.47	138.82 7.34 -34.87	124.99 5.98 -40.37	120.41 4.37 -56.17	112.17 4.44 -47.74	107.08 4.46 -39.85
CH_MIDHUDSON___DRP 24192	68.21 4.57 -7.26	65.23 4.27 -4.80	62.36 4.15 -2.18	61.41 4.15 -1.16	60.92 4.04 -0.79	64.15 4.21 -3.79	66.26 4.28 -5.71	63.28 4.22 -2.79	67.96 4.43 -7.50	66.90 4.55 -5.48	91.81 4.58 -30.71	93.23 4.70 -31.95	92.80 4.76 -31.41	98.11 4.81 -36.66	99.77 4.93 -38.21	103.26 5.10 -41.46	118.74 5.85 -49.95	146.61 8.61 -49.26	145.89 10.37 -30.80	143.89 9.56 -37.71	130.02 7.71 -43.67	126.25 5.69 -60.69	117.31 5.70 -51.62	111.59 5.71 -43.10
CH_MISC_IPPS 23765	68.02 4.45 -7.19	65.12 4.21 -4.75	62.23 4.04 -2.16	61.28 4.04 -1.15	60.86 3.98 -0.79	64.00 4.10 -3.75	66.09 4.16 -5.66	63.20 4.16 -2.76	67.83 4.37 -7.42	66.85 4.55 -5.42	91.44 4.52 -30.40	92.84 4.64 -31.62	92.42 4.70 -31.08	97.73 4.81 -36.29	99.33 4.87 -37.82	102.77 5.04 -41.04	118.16 5.79 -49.44	146.02 8.52 -48.76	145.47 10.27 -30.48	143.41 9.47 -37.33	129.49 7.63 -43.22	125.56 5.63 -60.06	116.72 5.64 -51.09	111.09 5.65 -42.66
CH_RES_BVR_FALLS 23983	55.48 -0.90 0.00	55.37 -0.79 0.00	55.36 -0.67 0.00	55.36 -0.73 0.00	55.36 -0.73 0.00	55.37 -0.79 0.00	55.43 -0.84 0.00	55.43 -0.84 0.00	55.20 -0.84 0.00	55.79 -1.08 0.00	55.56 -0.96 0.00	55.56 -1.02 0.00	55.62 -1.02 0.00	55.62 -1.02 0.00	55.62 -1.02 0.00	55.61 -1.08 0.00	61.43 -1.51 0.00	86.70 -2.04 0.00	102.32 -2.40 0.00	94.39 -2.22 0.00	76.75 -1.89 0.00	58.50 -1.37 0.00	58.62 -1.38 0.00	61.27 -1.51 0.00
CH_RES_NIAGARA 23895	52.55 -4.91 -1.07	51.31 -5.56 -0.71	50.47 -5.88 -0.32	50.43 -5.83 -0.17	50.49 -5.72 -0.12	51.27 -5.45 -0.56	51.77 -5.35 -0.85	51.39 -5.29 -0.41	51.04 -6.11 -1.11	52.51 -5.18 -0.81	54.74 -6.33 -4.55	54.97 -6.34 -4.73	55.05 -6.23 -4.65	55.83 -6.23 -5.43	56.00 -6.29 -5.66	56.53 -6.29 -6.14	64.16 -6.17 -7.39	86.80 -9.23 -7.29	97.55 -11.73 -4.56	91.86 -10.34 -5.58	77.32 -7.79 -6.46	63.17 -5.69 -8.98	62.36 -5.28 -7.64	64.83 -4.33 -6.38
CH_RES_SYRACUSE 23985	56.90 -0.22 -0.74	56.19 -0.45 -0.49	55.75 -0.51 -0.22	55.70 -0.51 -0.12	55.67 -0.51 -0.08	56.09 -0.45 -0.39	56.46 -0.39 -0.58	56.22 -0.34 -0.28	56.46 -0.33 -0.76	57.43 0.00 -0.56	59.59 -0.06 -3.12	59.83 0.00 -3.25	59.89 0.06 -3.20	60.42 0.06 -3.73	60.58 0.06 -3.89	61.02 0.11 -4.22	68.46 0.44 -5.08	94.38 0.63 -5.01	108.69 0.83 -3.13	101.13 0.68 -3.84	83.71 0.63 -4.44	66.41 0.36 -6.17	65.55 0.30 -5.25	67.54 0.38 -4.38
CLINTON_WT_PWR 323605	55.20 -1.19 0.00	55.32 -0.84 0.00	55.19 -0.84 0.00	55.19 -0.90 0.00	55.08 -1.01 0.00	55.03 -1.12 0.00	54.59 -1.69 0.00	54.92 -1.35 0.00	54.91 -1.12 0.00	55.40 -1.48 0.00	55.00 -1.52 0.00	55.00 -1.58 0.00	55.05 -1.59 0.00	54.82 -1.81 0.00	54.77 -1.87 0.00	54.65 -2.04 0.00	60.48 -2.46 0.00	85.55 -3.19 0.00	101.16 -3.56 0.00	93.14 -3.47 0.00	75.49 -3.15 0.00	57.60 -2.28 0.00	57.78 -2.22 0.00	61.02 -1.76 0.00
CLINTON___LFGE 323618	56.05 -0.34 0.00	56.10 -0.06 0.00	55.97 -0.06 0.00	55.98 -0.11 0.00	55.81 -0.28 0.00	55.77 -0.39 0.00	55.15 -1.13 0.00	55.60 -0.67 0.00	55.65 -0.39 0.00	56.20 -0.68 0.00	55.73 -0.79 0.00	55.73 -0.85 0.00	55.84 -0.79 0.00	55.56 -1.08 0.00	55.56 -1.08 0.00	55.33 -1.36 0.00	61.37 -1.57 0.00	86.97 -1.77 0.00	102.94 -1.78 0.00	94.77 -1.84 0.00	76.59 -2.05 0.00	58.32 -1.56 0.00	58.56 -1.44 0.00	62.03 -0.75 0.00
COBBLENY_34_KV_TB1 80064	53.92 -3.66 -1.20	52.29 -4.66 -0.80	51.68 -4.71 -0.36	51.68 -4.60 -0.19	51.79 -4.43 -0.13	52.63 -4.16 -0.63	53.34 -3.88 -0.95	52.85 -3.88 -0.46	52.68 -4.59 -1.24	54.03 -3.75 -0.91	57.08 -4.52 -5.09	57.40 -4.47 -5.29	57.48 -4.36 -5.20	58.40 -4.30 -6.07	58.55 -4.42 -6.33	59.19 -4.37 -6.86	67.18 -4.03 -8.27	91.13 -5.77 -8.16	102.28 -7.54 -5.10	96.29 -6.57 -6.24	81.07 -4.80 -7.23	66.45 -3.47 -10.05	65.30 -3.24 -8.55	67.40 -2.51 -7.14
COFFEEN___115KV_TB3 355620	56.88 0.17 -0.32	56.48 0.11 -0.21	56.30 0.17 -0.10	56.31 0.17 -0.05	56.52 0.39 -0.04	56.72 0.39 -0.17	56.92 0.39 -0.25	56.85 0.45 -0.12	57.15 0.78 -0.33	58.60 1.48 -0.24	60.09 2.20 -1.37	59.98 1.98 -1.42	60.02 1.98 -1.40	60.76 2.49 -1.63	60.94 2.61 -1.70	61.43 2.89 -1.84	68.43 3.27 -2.22	95.72 4.79 -2.19	111.43 5.34 -1.37	103.12 4.83 -1.68	84.59 4.01 -1.94	65.27 2.69 -2.70	64.27 1.98 -2.30	66.83 2.13 -1.92
COLDSPRG_115KV_BK1 355956	54.55 -3.10 -1.27	52.67 -4.32 -0.84	52.04 -4.37 -0.38	52.31 -3.98 -0.20	52.30 -3.93 -0.14	53.17 -3.65 -0.66	54.29 -2.98 -1.00	53.50 -3.26 -0.49	53.37 -3.98 -1.31	54.76 -3.07 -0.96	58.17 -3.73 -5.38	58.55 -3.62 -5.59	58.62 -3.51 -5.50	59.54 -3.51 -6.42	59.59 -3.74 -6.69	60.38 -3.57 -7.26	68.60 -3.08 -8.75	93.55 -3.82 -8.63	104.88 -5.24 -5.39	98.77 -4.44 -6.60	83.30 -2.99 -7.65	68.28 -2.22 -10.63	66.88 -2.16 -9.04	69.07 -1.26 -7.55
COLONIE_LFGE___ 323577	68.32 2.93 -9.01	65.03 2.92 -5.96	61.65 2.91 -2.71	60.34 2.80 -1.44	59.93 2.86 -0.98	63.77 2.92 -4.70	66.23 2.87 -7.09	62.60 2.87 -3.46	68.20 2.86 -9.31	66.62 2.96 -6.79	97.44 2.82 -38.10	99.04 2.83 -39.63	98.42 2.83 -38.96	104.89 2.77 -45.48	106.81 2.77 -47.40	110.96 2.83 -51.43	128.10 3.21 -61.96	154.37 4.52 -61.11	148.16 5.23 -38.20	148.32 4.92 -46.78	136.82 4.01 -54.17	138.26 3.11 -75.28	127.08 3.06 -64.02	119.44 3.20 -53.47
COOPERNY_115KV_TB1 80082	64.45 2.59 -5.47	62.19 2.41 -3.62	60.03 2.35 -1.64	59.32 2.36 -0.88	59.04 2.36 -0.60	61.48 2.47 -2.85	63.17 2.59 -4.30	61.02 2.64 -2.10	64.38 2.69 -5.65	63.96 2.96 -4.12	82.54 2.88 -23.13	83.64 3.00 -24.06	83.29 3.00 -23.66	87.31 3.06 -27.61	88.48 3.06 -28.78	91.12 3.17 -31.25	104.22 3.65 -37.64	131.17 5.32 -37.11	134.20 6.28 -23.20	130.82 5.80 -28.41	116.33 4.80 -32.89	109.08 3.47 -45.74	102.42 3.54 -38.89	98.82 3.58 -32.47
COPENHAGEN_WT_PWR 323753	56.12 -0.62 -0.35	55.72 -0.67 -0.23	55.47 -0.67 -0.11	55.48 -0.67 -0.06	55.57 -0.56 -0.04	55.78 -0.56 -0.18	55.99 -0.56 -0.28	55.96 -0.45 -0.14	56.12 -0.28 -0.36	57.43 0.29 -0.27	58.80 0.79 -1.49	58.81 0.68 -1.55	58.84 0.68 -1.52	59.44 1.02 -1.78	59.56 1.07 -1.85	60.01 1.30 -2.01	66.74 1.38 -2.42	93.18 2.04 -2.39	108.52 2.30 -1.50	100.47 2.03 -1.83	82.41 1.65 -2.12	63.84 1.02 -2.95	63.10 0.60 -2.51	65.43 0.56 -2.09
CORNELL_____ 23752	59.31 1.30 -1.63	58.19 0.95 -1.08	57.42 0.90 -0.49	57.25 0.90 -0.26	57.22 0.95 -0.18	58.13 1.12 -0.85	58.79 1.24 -1.28	58.19 1.29 -0.63	58.89 1.18 -1.68	59.64 1.54 -1.23	64.88 1.47 -6.89	65.33 1.58 -7.17	65.32 1.64 -7.04	66.50 1.64 -8.22	66.90 1.70 -8.57	67.80 1.81 -9.30	76.72 2.58 -11.20	103.60 3.82 -11.05	116.34 4.71 -6.91	109.22 4.15 -8.46	91.81 3.38 -9.79	75.88 2.39 -13.61	73.85 2.28 -11.58	74.95 2.51 -9.67

CORONA__69_KV_TB1 355595	69.30 5.41 -7.50	66.04 5.11 -4.77	67.01 5.04 -5.93	62.12 4.88 -1.15	61.81 4.94 -0.79	65.73 5.11 -4.46	71.94 5.35 -10.32	73.88 5.46 -12.15	77.50 5.66 -15.80	77.05 6.03 -14.14	92.84 5.88 -30.44	94.19 5.94 -31.67	93.89 6.12 -31.13	99.26 6.29 -36.34	114.06 6.29 -51.14	131.11 6.46 -67.96	146.45 7.36 -76.15	153.97 10.65 -54.58	153.92 12.46 -36.73	153.19 11.50 -45.08	149.98 9.44 -61.91	149.32 7.01 -82.45	142.31 7.02 -75.29	123.83 7.09 -53.96
CORTLAND__115KV_TB3 80093	58.49 0.79 -1.32	57.53 0.51 -0.87	56.93 0.50 -0.40	56.81 0.50 -0.21	56.80 0.56 -0.14	57.52 0.67 -0.69	58.10 0.79 -1.04	57.57 0.79 -0.51	58.13 0.73 -1.36	58.95 1.08 -0.99	63.17 1.07 -5.58	63.51 1.13 -5.80	63.53 1.19 -5.70	64.54 1.25 -6.66	64.82 1.25 -6.94	65.58 1.36 -7.53	73.90 1.89 -9.07	100.35 2.66 -8.95	113.56 3.25 -5.59	106.36 2.90 -6.85	89.01 2.44 -7.93	72.57 1.68 -11.02	70.99 1.62 -9.37	72.36 1.76 -7.83
COXSACKIE__GT 23611	68.63 3.84 -8.41	65.59 3.87 -5.56	62.37 3.81 -2.53	61.20 3.76 -1.35	60.83 3.82 -0.92	64.47 3.93 -4.38	66.49 3.60 -6.62	62.88 3.38 -3.23	68.03 3.31 -8.69	66.23 3.01 -6.34	95.07 2.99 -35.56	96.57 3.00 -36.99	95.89 2.89 -36.36	101.91 2.83 -42.45	103.88 3.00 -44.24	107.53 2.83 -48.00	124.04 3.27 -57.83	148.08 2.30 -57.04	143.31 2.93 -35.66	143.08 2.80 -43.67	131.17 1.97 -50.56	131.81 1.67 -70.26	123.24 3.48 -59.76	116.64 3.96 -49.90
CPV_VALLEY__CC1 323721	65.59 2.93 -6.28	63.11 2.81 -4.15	60.60 2.69 -1.89	59.79 2.69 -1.01	59.41 2.64 -0.69	62.24 2.81 -3.27	64.14 2.92 -4.94	61.67 2.98 -2.41	65.60 3.08 -6.49	64.96 3.35 -4.73	86.29 3.22 -26.55	87.54 3.34 -27.62	87.13 3.34 -27.15	91.73 3.40 -31.69	93.07 3.40 -33.03	96.08 3.52 -35.87	110.17 4.03 -43.20	137.18 5.86 -42.59	138.26 6.91 -26.62	135.59 6.37 -32.60	121.66 5.27 -37.75	116.21 3.84 -52.50	108.53 3.90 -44.63	103.99 3.96 -37.26
CPV_VALLEY__CC2 323722	65.59 2.93 -6.28	63.11 2.81 -4.15	60.60 2.69 -1.89	59.79 2.69 -1.01	59.41 2.64 -0.69	62.24 2.81 -3.27	64.14 2.92 -4.94	61.67 2.98 -2.41	65.60 3.08 -6.49	64.96 3.35 -4.73	86.29 3.22 -26.55	87.54 3.34 -27.62	87.13 3.34 -27.15	91.73 3.40 -31.69	93.07 3.40 -33.03	96.08 3.52 -35.87	110.17 4.03 -43.20	137.18 5.86 -42.59	138.26 6.91 -26.62	135.59 6.37 -32.60	121.66 5.27 -37.75	116.21 3.84 -52.50	108.53 3.90 -44.63	103.99 3.96 -37.26
CRESCENT__HYD 24018	68.32 2.93 -9.01	65.03 2.92 -5.96	61.65 2.91 -2.71	60.34 2.80 -1.44	59.93 2.86 -0.98	63.77 2.92 -4.70	66.23 2.87 -7.09	62.60 2.87 -3.46	68.20 2.86 -9.31	66.62 2.96 -6.79	97.44 2.82 -38.10	99.04 2.83 -39.63	98.42 2.83 -38.96	104.89 2.77 -45.48	106.81 2.77 -47.40	110.96 2.83 -51.43	128.10 3.21 -61.96	154.37 4.52 -61.11	148.16 5.23 -38.20	148.32 4.92 -46.78	136.82 4.01 -54.17	138.26 3.11 -75.28	127.08 3.06 -64.02	119.44 3.20 -53.47
CRICKET__VALLEY_CC1 323756	67.77 3.72 -7.66	64.76 3.54 -5.07	61.81 3.48 -2.30	60.74 3.42 -1.23	60.35 3.42 -0.84	63.69 3.54 -4.00	65.96 3.66 -6.03	62.87 3.66 -2.95	67.71 3.75 -7.92	66.63 3.98 -5.78	92.83 3.90 -32.41	94.20 3.90 -33.72	93.68 3.90 -33.14	99.29 3.96 -38.69	100.92 3.96 -40.32	104.53 4.08 -43.75	120.31 4.66 -52.71	147.39 6.66 -51.99	144.97 7.75 -32.50	143.56 7.15 -39.80	130.54 5.82 -46.09	128.17 4.25 -64.04	118.73 4.26 -54.47	112.53 4.27 -45.49
CRICKET__VALLEY_CC2 323757	67.77 3.72 -7.66	64.76 3.54 -5.07	61.81 3.48 -2.30	60.74 3.42 -1.23	60.35 3.42 -0.84	63.69 3.54 -4.00	65.96 3.66 -6.03	62.87 3.66 -2.95	67.71 3.75 -7.92	66.63 3.98 -5.78	92.83 3.90 -32.41	94.20 3.90 -33.72	93.68 3.90 -33.14	99.29 3.96 -38.69	100.92 3.96 -40.32	104.53 4.08 -43.75	120.31 4.66 -52.71	147.39 6.66 -51.99	144.97 7.75 -32.50	143.56 7.15 -39.80	130.54 5.82 -46.09	128.17 4.25 -64.04	118.73 4.26 -54.47	112.53 4.27 -45.49
CRICKET__VALLEY_CC3 323758	67.77 3.72 -7.66	64.76 3.54 -5.07	61.81 3.48 -2.30	60.74 3.42 -1.23	60.35 3.42 -0.84	63.69 3.54 -4.00	65.96 3.66 -6.03	62.87 3.66 -2.95	67.71 3.75 -7.92	66.63 3.98 -5.78	92.83 3.90 -32.41	94.20 3.90 -33.72	93.68 3.90 -33.14	99.29 3.96 -38.69	100.92 3.96 -40.32	104.53 4.08 -43.75	120.31 4.66 -52.71	147.39 6.66 -51.99	144.97 7.75 -32.50	143.56 7.15 -39.80	130.54 5.82 -46.09	128.17 4.25 -64.04	118.73 4.26 -54.47	112.53 4.27 -45.49
CRUCIBLE__METL_DRP 24180	56.90 -0.23 -0.74	56.14 -0.51 -0.49	55.75 -0.50 -0.22	55.65 -0.56 -0.12	55.67 -0.50 -0.08	56.09 -0.45 -0.39	56.46 -0.39 -0.58	56.22 -0.34 -0.28	56.46 -0.34 -0.76	57.38 -0.06 -0.56	59.59 -0.06 -3.12	59.83 0.00 -3.25	59.89 0.06 -3.20	60.42 0.06 -3.73	60.58 0.06 -3.89	61.02 0.11 -4.22	68.46 0.44 -5.08	94.37 0.62 -5.01	108.69 0.84 -3.13	101.12 0.68 -3.84	83.71 0.63 -4.44	66.41 0.36 -6.17	65.55 0.30 -5.25	67.54 0.38 -4.38
DAHOWA__HYDRO 323763	69.35 3.84 -9.13	65.84 3.65 -6.04	62.41 3.64 -2.74	61.15 3.59 -1.46	60.73 3.64 -1.00	64.68 3.76 -4.76	67.01 3.55 -7.19	63.39 3.60 -3.51	69.00 3.53 -9.44	67.41 3.64 -6.89	98.31 3.16 -38.63	100.10 3.34 -40.19	99.42 3.28 -39.50	105.98 3.23 -46.11	107.98 3.28 -48.06	112.24 3.40 -52.15	129.73 3.97 -62.83	156.39 5.68 -61.96	150.06 6.60 -38.74	150.32 6.28 -47.44	138.61 5.04 -54.93	140.57 4.37 -76.33	129.18 4.26 -64.92	121.45 4.46 -54.21
DANC__LFGE 323619	56.05 -0.79 -0.46	55.56 -0.90 -0.30	55.21 -0.95 -0.14	55.21 -0.95 -0.07	55.30 -0.84 -0.05	55.49 -0.90 -0.24	55.73 -0.90 -0.36	55.61 -0.84 -0.18	55.78 -0.73 -0.47	56.94 -0.28 -0.34	58.45 0.00 -1.93	58.59 0.00 -2.01	58.66 0.06 -1.97	59.17 0.23 -2.30	59.32 0.28 -2.40	59.69 0.40 -2.60	66.52 0.44 -3.14	92.54 0.71 -3.09	107.39 0.74 -1.93	99.56 0.58 -2.37	81.94 0.55 -2.74	63.92 0.24 -3.81	63.24 0.00 -3.24	65.48 0.00 -2.71
DANSKAMMER__1 23586	68.02 4.45 -7.19	65.12 4.21 -4.75	62.23 4.04 -2.16	61.28 4.04 -1.15	60.86 3.98 -0.79	64.00 4.10 -3.75	66.09 4.16 -5.66	63.20 4.16 -2.76	67.83 4.37 -7.42	66.85 4.55 -5.42	91.44 4.52 -30.40	92.84 4.64 -31.62	92.42 4.70 -31.08	97.73 4.81 -36.29	99.33 4.87 -37.82	102.77 5.04 -41.04	118.16 5.79 -49.44	146.02 8.52 -48.76	145.47 10.27 -30.48	143.41 9.47 -37.33	129.49 7.63 -43.22	125.56 5.63 -60.06	116.72 5.64 -51.09	111.09 5.65 -42.66
DANSKAMMER__2 23589	68.02 4.45 -7.19	65.12 4.21 -4.75	62.23 4.04 -2.16	61.28 4.04 -1.15	60.86 3.98 -0.79	64.00 4.10 -3.75	66.09 4.16 -5.66	63.20 4.16 -2.76	67.83 4.37 -7.42	66.85 4.55 -5.42	91.44 4.52 -30.40	92.84 4.64 -31.62	92.42 4.70 -31.08	97.73 4.81 -36.29	99.33 4.87 -37.82	102.77 5.04 -41.04	118.16 5.79 -49.44	146.02 8.52 -48.76	145.47 10.27 -30.48	143.41 9.47 -37.33	129.49 7.63 -43.22	125.56 5.63 -60.06	116.72 5.64 -51.09	111.09 5.65 -42.66
DANSKAMMER__3 23590	68.02 4.45 -7.19	65.12 4.21 -4.75	62.23 4.04 -2.16	61.28 4.04 -1.15	60.86 3.98 -0.79	64.00 4.10 -3.75	66.09 4.16 -5.66	63.20 4.16 -2.76	67.83 4.37 -7.42	66.85 4.55 -5.42	91.44 4.52 -30.40	92.84 4.64 -31.62	92.42 4.70 -31.08	97.73 4.81 -36.29	99.33 4.87 -37.82	102.77 5.04 -41.04	118.16 5.79 -49.44	146.02 8.52 -48.76	145.47 10.27 -30.48	143.41 9.47 -37.33	129.49 7.63 -43.22	125.56 5.63 -60.06	116.72 5.64 -51.09	111.09 5.65 -42.66

DANSKAMMER___4 23591	68.02 4.45 -7.19	65.12 4.21 -4.75	62.23 4.04 -2.16	61.28 4.04 -1.15	60.86 3.98 -0.79	64.00 4.10 -3.75	66.09 4.16 -5.66	63.20 4.16 -2.76	67.83 4.37 -7.42	66.85 4.55 -5.42	91.44 4.52 -30.40	92.84 4.64 -31.62	92.42 4.70 -31.08	97.73 4.81 -36.29	99.33 4.87 -37.82	102.77 5.04 -41.04	118.16 5.79 -49.44	146.02 8.52 -48.76	145.47 10.27 -30.48	143.41 9.47 -37.33	129.49 7.63 -43.22	125.56 5.63 -60.06	116.72 5.64 -51.09	111.09 5.65 -42.66
DANSKAMMER___DIESEL 23592	68.02 4.45 -7.19	65.06 4.16 -4.75	62.22 4.03 -2.16	61.28 4.04 -1.15	60.86 3.98 -0.79	64.00 4.10 -3.75	66.09 4.16 -5.66	63.20 4.16 -2.76	67.83 4.37 -7.42	66.79 4.49 -5.42	91.44 4.52 -30.40	92.84 4.64 -31.62	92.42 4.70 -31.08	97.74 4.81 -36.29	99.33 4.87 -37.82	102.77 5.05 -41.04	118.16 5.79 -49.44	146.02 8.52 -48.76	145.47 10.26 -30.48	143.41 9.47 -37.33	129.49 7.63 -43.22	125.57 5.63 -60.06	116.72 5.64 -51.09	111.09 5.65 -42.66
DARBY___SOLAR 323810	69.22 3.72 -9.11	65.72 3.54 -6.03	62.30 3.53 -2.74	61.03 3.48 -1.46	60.62 3.54 -1.00	64.51 3.60 -4.75	66.88 3.43 -7.17	63.27 3.49 -3.50	68.93 3.48 -9.42	67.33 3.59 -6.87	98.24 3.16 -38.56	99.97 3.28 -40.11	99.29 3.23 -39.43	105.89 3.23 -46.02	107.89 3.28 -47.97	112.08 3.34 -52.05	129.54 3.90 -62.70	156.09 5.50 -61.84	149.88 6.50 -38.66	150.05 6.09 -47.34	138.42 4.96 -54.82	140.25 4.19 -76.18	128.87 4.08 -64.80	121.16 4.27 -54.11
DASHVILLE___HYD 23610	66.86 3.04 -7.43	63.82 2.75 -4.91	60.89 2.63 -2.23	59.92 2.64 -1.19	59.48 2.58 -0.81	62.72 2.70 -3.87	64.93 2.81 -5.85	61.89 2.76 -2.86	66.73 3.03 -7.67	65.66 3.19 -5.60	91.16 3.22 -31.42	92.66 3.39 -32.68	92.22 3.45 -32.13	97.71 3.57 -37.50	99.35 3.62 -39.09	103.02 3.91 -42.41	118.50 4.47 -51.09	145.97 6.83 -50.39	144.39 8.17 -31.50	142.63 7.44 -38.58	129.37 6.06 -44.67	126.26 4.31 -62.08	117.06 4.26 -52.80	111.01 4.14 -44.09
DEERFIELD_69_KV_DEERFIELD LD 355887	71.55 7.67 -7.50	68.23 7.30 -4.77	69.25 7.28 -5.93	64.20 6.96 -1.15	64.06 7.18 -0.79	68.03 7.41 -4.46	74.25 7.65 -10.32	76.02 7.60 -12.15	79.46 7.62 -15.80	79.21 8.19 -14.14	94.71 7.74 -30.44	95.95 7.69 -31.67	95.64 7.87 -31.13	101.02 8.04 -36.34	115.76 7.99 -51.14	132.70 8.05 -67.96	148.53 9.44 -76.15	156.89 13.58 -54.58	157.48 16.02 -36.73	156.47 14.78 -45.08	152.50 11.95 -61.91	151.54 9.22 -82.45	144.53 9.24 -75.29	126.15 9.42 -53.96
DELAWARE___LFGE 323621	61.97 2.42 -3.16	60.44 2.19 -2.09	59.16 2.19 -0.95	58.84 2.24 -0.51	58.74 2.30 -0.35	60.11 2.30 -1.65	61.18 2.42 -2.49	59.91 2.42 -1.22	61.77 2.47 -3.27	62.10 2.84 -2.38	72.72 2.83 -13.37	73.38 2.89 -13.91	73.25 2.95 -13.67	75.60 3.00 -15.96	76.27 3.00 -16.64	77.86 3.12 -18.05	88.33 3.65 -21.75	115.33 5.15 -21.45	124.10 5.97 -13.41	118.63 5.60 -16.42	102.29 4.64 -19.01	89.77 3.47 -26.42	85.89 3.42 -22.47	85.18 3.64 -18.77
DERFIELD_115KV_TB7 355931	57.00 0.62 0.00	56.72 0.56 0.00	56.59 0.56 0.00	56.65 0.56 0.00	56.71 0.62 0.00	56.77 0.62 0.00	56.84 0.56 0.00	56.84 0.56 0.00	56.65 0.62 0.00	57.56 0.68 0.00	57.25 0.73 0.00	57.32 0.74 0.00	57.37 0.74 0.00	57.37 0.74 0.00	57.37 0.74 0.00	57.49 0.79 0.00	63.88 0.94 0.00	90.07 1.33 0.00	106.19 1.47 0.00	97.96 1.35 0.00	79.82 1.18 0.00	60.71 0.84 0.00	60.90 0.90 0.00	63.72 0.94 0.00
DOGLEVILLE___HYD 23807	56.83 0.45 0.00	56.60 0.45 0.00	56.53 0.50 0.00	56.71 0.62 0.00	56.82 0.73 0.00	56.88 0.73 0.00	56.95 0.68 0.00	57.06 0.79 0.00	56.82 0.78 0.00	57.78 0.91 0.00	57.48 0.96 0.00	57.48 0.90 0.00	57.49 0.85 0.00	57.43 0.79 0.00	57.37 0.73 0.00	57.43 0.74 0.00	63.82 0.88 0.00	89.89 1.15 0.00	105.98 1.26 0.00	97.86 1.25 0.00	79.74 1.10 0.00	60.83 0.95 0.00	61.02 1.02 0.00	63.91 1.13 0.00
DUNKIRK___115KV_TB_200 55889	54.38 -3.21 -1.21	52.63 -4.32 -0.80	52.02 -4.37 -0.36	52.13 -4.15 -0.19	52.18 -4.04 -0.13	53.03 -3.76 -0.63	53.91 -3.32 -0.95	53.31 -3.43 -0.47	53.09 -4.20 -1.25	54.43 -3.36 -0.91	57.58 -4.07 -5.13	57.85 -4.07 -5.34	57.98 -3.91 -5.25	58.85 -3.91 -6.13	58.94 -4.08 -6.38	59.65 -3.97 -6.93	67.76 -3.52 -8.35	92.09 -4.88 -8.23	103.27 -6.60 -5.15	97.31 -5.60 -6.30	82.00 -3.93 -7.30	67.14 -2.87 -10.14	65.92 -2.70 -8.62	68.16 -1.82 -7.20
DUNKIRK___1 23563	54.38 -3.21 -1.21	52.63 -4.32 -0.80	52.02 -4.37 -0.36	52.13 -4.15 -0.19	52.18 -4.04 -0.13	53.03 -3.76 -0.63	53.91 -3.32 -0.95	53.31 -3.43 -0.47	53.09 -4.20 -1.25	54.43 -3.36 -0.91	57.58 -4.07 -5.13	57.85 -4.07 -5.34	57.98 -3.91 -5.25	58.85 -3.91 -6.13	58.94 -4.08 -6.38	59.65 -3.97 -6.93	67.76 -3.52 -8.35	92.09 -4.88 -8.23	103.27 -6.60 -5.15	97.31 -5.60 -6.30	82.00 -3.93 -7.30	67.14 -2.87 -10.14	65.92 -2.70 -8.62	68.16 -1.82 -7.20
DUNKIRK___2 23564	54.38 -3.21 -1.21	52.63 -4.32 -0.80	52.02 -4.37 -0.36	52.13 -4.15 -0.19	52.18 -4.04 -0.13	53.03 -3.76 -0.63	53.91 -3.32 -0.95	53.31 -3.43 -0.47	53.09 -4.20 -1.25	54.43 -3.36 -0.91	57.58 -4.07 -5.13	57.85 -4.07 -5.34	57.98 -3.91 -5.25	58.85 -3.91 -6.13	58.94 -4.08 -6.38	59.65 -3.97 -6.93	67.76 -3.52 -8.35	92.09 -4.88 -8.23	103.27 -6.60 -5.15	97.31 -5.60 -6.30	82.00 -3.93 -7.30	67.14 -2.87 -10.14	65.92 -2.70 -8.62	68.16 -1.82 -7.20
DUNKIRK___3 23565	54.27 -3.33 -1.21	52.64 -4.32 -0.80	52.02 -4.37 -0.36	52.08 -4.21 -0.19	52.13 -4.09 -0.13	53.03 -3.76 -0.63	53.85 -3.38 -0.96	53.25 -3.49 -0.47	53.09 -4.20 -1.25	54.44 -3.36 -0.92	57.53 -4.13 -5.14	57.85 -4.07 -5.34	57.92 -3.96 -5.25	58.80 -3.96 -6.13	58.95 -4.08 -6.39	59.66 -3.97 -6.93	67.70 -3.59 -8.35	92.01 -4.97 -8.24	103.28 -6.60 -5.15	97.22 -5.70 -6.31	81.85 -4.09 -7.30	67.03 -2.99 -10.15	65.81 -2.82 -8.63	67.98 -2.01 -7.21
DUNKIRK___4 23566	54.24 -3.33 -1.19	52.50 -4.44 -0.78	51.96 -4.43 -0.36	52.02 -4.26 -0.19	52.07 -4.15 -0.13	52.90 -3.87 -0.62	53.72 -3.49 -0.93	53.13 -3.60 -0.46	52.95 -4.31 -1.23	54.30 -3.47 -0.90	57.30 -4.24 -5.02	57.62 -4.19 -5.22	57.69 -4.08 -5.13	58.61 -4.02 -5.99	58.69 -4.19 -6.25	59.39 -4.08 -6.78	67.39 -3.71 -8.17	91.65 -5.15 -8.05	102.85 -6.91 -5.03	96.88 -5.89 -6.17	81.61 -4.17 -7.14	66.68 -3.11 -9.92	65.56 -2.88 -8.44	67.81 -2.01 -7.05
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	67.93 4.34 -7.20	64.96 4.04 -4.76	62.12 3.92 -2.16	61.17 3.93 -1.15	60.75 3.87 -0.79	63.95 4.04 -3.75	66.22 4.28 -5.67	63.43 4.39 -2.77	68.07 4.59 -7.44	67.20 4.89 -5.43	91.78 4.80 -30.46	93.24 4.98 -31.68	92.82 5.04 -31.15	98.15 5.15 -36.36	99.63 5.10 -37.90	103.68 5.27 -41.72	118.77 5.98 -49.85	146.20 8.61 -48.85	145.42 10.16 -30.54	143.41 9.37 -37.42	129.66 7.71 -43.31	126.45 5.69 -60.89	117.17 5.76 -51.42	111.30 5.78 -42.74
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	67.21 3.83 -6.99	64.37 3.59 -4.62	61.60 3.47 -2.10	60.69 3.48 -1.12	60.28 3.42 -0.76	63.34 3.54 -3.65	65.43 3.66 -5.50	62.62 3.66 -2.69	67.13 3.87 -7.22	66.19 4.04 -5.27	90.11 4.01 -29.58	91.48 4.13 -30.76	91.07 4.19 -30.24	96.19 4.25 -35.30	97.74 4.30 -36.79	101.11 4.48 -39.94	116.14 5.10 -48.11	143.72 7.54 -47.44	143.38 9.01 -29.65	141.24 8.31 -36.32	127.38 6.68 -42.05	123.30 4.97 -58.46	114.69 4.98 -49.71	109.30 5.02 -41.51

E179THST_138_KV_TB4_REV_LBMP_J 345001	68.72 5.13 -7.21	65.81 4.89 -4.77	62.96 4.76 -2.17	61.80 4.54 -1.16	61.60 4.71 -0.79	64.75 4.83 -3.76	66.96 5.01 -5.67	63.94 4.90 -2.77	68.35 4.88 -7.44	67.60 5.29 -5.44	92.18 5.20 -30.46	93.60 5.32 -31.70	93.23 5.44 -31.16	98.49 5.49 -36.36	99.92 5.38 -37.90	103.85 5.56 -41.60	118.96 6.23 -49.79	146.75 9.14 -48.87	146.06 10.79 -30.55	143.98 9.95 -37.42	129.98 8.02 -43.32	126.67 5.93 -60.87	117.48 6.06 -51.43	111.74 6.21 -42.75
E179THST_13_KV_LOAD 356214	68.95 5.36 -7.21	66.04 5.11 -4.77	63.13 4.93 -2.17	61.96 4.71 -1.16	61.77 4.88 -0.79	64.92 5.00 -3.76	67.18 5.23 -5.67	64.11 5.06 -2.77	68.57 5.10 -7.44	67.83 5.52 -5.44	92.40 5.43 -30.46	93.82 5.54 -31.70	93.46 5.66 -31.16	98.72 5.72 -36.36	100.20 5.66 -37.90	104.08 5.78 -41.60	119.28 6.55 -49.79	147.19 9.58 -48.87	146.59 11.31 -30.55	144.47 10.43 -37.42	130.38 8.41 -43.32	126.96 6.23 -60.87	117.78 6.36 -51.43	111.99 6.47 -42.75
EAST HAMPTON___GT 23717	72.17 8.29 -7.50	68.90 7.97 -4.77	69.81 7.84 -5.93	64.99 7.74 -1.15	64.67 7.79 -0.79	68.65 8.03 -4.46	74.87 8.27 -10.32	76.64 8.22 -12.15	80.08 8.24 -15.80	79.83 8.82 -14.14	95.33 8.36 -30.44	96.57 8.32 -31.67	96.26 8.49 -31.13	101.64 8.67 -36.34	116.38 8.61 -51.14	133.38 8.73 -67.96	149.35 10.26 -76.15	158.22 14.90 -54.58	159.05 17.59 -36.73	157.92 16.23 -45.08	153.68 13.13 -61.91	152.37 10.06 -82.45	145.25 9.96 -75.29	126.90 10.17 -53.96
EAST RIVER___6 23660	68.37 4.79 -7.20	65.46 4.55 -4.76	62.57 4.37 -2.16	61.62 4.38 -1.15	61.14 4.26 -0.79	64.29 4.38 -3.75	66.61 4.67 -5.67	63.82 4.78 -2.77	68.52 5.05 -7.44	67.72 5.41 -5.44	92.17 5.20 -30.45	93.70 5.43 -31.69	93.34 5.55 -31.15	98.67 5.66 -36.37	100.26 5.66 -37.96	110.27 5.84 -47.74	122.59 6.61 -53.05	147.10 9.50 -48.86	146.37 11.10 -30.55	144.26 10.24 -37.41	130.29 8.33 -43.32	127.97 6.28 -61.81	117.74 6.36 -51.38	111.79 6.28 -42.74
EAST RIVER___7 23524	68.37 4.79 -7.20	65.46 4.55 -4.76	62.57 4.37 -2.16	61.62 4.38 -1.15	61.14 4.26 -0.79	64.29 4.38 -3.75	66.61 4.67 -5.67	63.82 4.78 -2.77	68.52 5.05 -7.44	67.72 5.41 -5.44	92.17 5.20 -30.45	93.70 5.43 -31.69	93.34 5.55 -31.15	98.67 5.66 -36.37	100.26 5.66 -37.96	110.27 5.84 -47.74	122.59 6.61 -53.05	147.10 9.50 -48.86	146.37 11.10 -30.55	144.26 10.24 -37.41	130.29 8.33 -43.32	127.97 6.28 -61.81	117.74 6.36 -51.38	111.79 6.28 -42.74
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	67.79 4.23 -7.18	64.89 3.99 -4.75	62.05 3.87 -2.16	61.06 3.81 -1.15	60.63 3.76 -0.78	63.83 3.93 -3.74	66.09 4.16 -5.65	63.31 4.28 -2.76	67.93 4.48 -7.42	67.07 4.78 -5.41	91.52 4.63 -30.36	92.97 4.81 -31.58	92.56 4.87 -31.05	97.86 4.98 -36.24	99.34 4.93 -37.78	103.21 5.10 -41.42	118.33 5.79 -49.61	145.78 8.34 -48.70	145.01 9.84 -30.45	142.98 9.08 -37.29	129.28 7.47 -43.17	125.60 5.51 -60.22	116.66 5.58 -51.08	110.97 5.59 -42.61
EAST_HAMPTON___DIESEL 23722	72.17 8.29 -7.50	68.90 7.97 -4.77	69.87 7.90 -5.93	64.99 7.74 -1.15	64.67 7.79 -0.79	68.65 8.03 -4.46	74.92 8.33 -10.32	76.64 8.22 -12.15	80.08 8.24 -15.80	79.83 8.82 -14.14	95.39 8.42 -30.44	96.57 8.32 -31.67	96.26 8.49 -31.13	101.64 8.67 -36.34	116.44 8.67 -51.14	133.38 8.73 -67.96	149.35 10.26 -76.15	158.22 14.90 -54.58	159.05 17.59 -36.73	158.02 16.33 -45.08	153.68 13.13 -61.91	152.37 10.06 -82.45	145.31 10.02 -75.29	126.90 10.17 -53.96
EAST_PULASKI___ESR 323781	56.08 -0.85 -0.54	55.45 -1.07 -0.36	55.13 -1.06 -0.16	55.11 -1.07 -0.09	55.08 -1.07 -0.06	55.37 -1.07 -0.28	55.63 -1.07 -0.43	55.41 -1.07 -0.21	55.59 -1.01 -0.56	56.60 -0.68 -0.41	58.26 -0.57 -2.30	58.52 -0.45 -2.40	58.54 -0.45 -2.36	58.99 -0.40 -2.75	59.16 -0.34 -2.87	59.52 -0.28 -3.11	66.43 -0.25 -3.75	92.08 -0.35 -3.70	106.72 -0.31 -2.31	99.05 -0.39 -2.83	81.60 -0.31 -3.28	64.13 -0.30 -4.55	63.45 -0.42 -3.87	65.57 -0.44 -3.23
EAST_RIVER___1 323558	68.32 4.74 -7.20	65.41 4.49 -4.76	62.51 4.31 -2.16	61.56 4.32 -1.15	61.09 4.21 -0.79	64.29 4.38 -3.75	66.55 4.62 -5.67	63.77 4.73 -2.77	68.46 4.99 -7.44	67.60 5.29 -5.44	92.06 5.09 -30.45	93.59 5.32 -31.69	93.17 5.38 -31.15	98.50 5.49 -36.37	100.09 5.49 -37.96	110.10 5.67 -47.74	122.47 6.48 -53.05	146.83 9.23 -48.86	146.06 10.79 -30.55	143.98 9.95 -37.41	130.13 8.18 -43.32	127.79 6.11 -61.81	117.56 6.18 -51.38	111.67 6.16 -42.74
EAST_RIVER___2 323559	68.37 4.79 -7.20	65.46 4.55 -4.76	62.57 4.37 -2.16	61.62 4.38 -1.15	61.14 4.26 -0.79	64.29 4.38 -3.75	66.61 4.67 -5.67	63.82 4.78 -2.77	68.52 5.05 -7.44	67.72 5.41 -5.44	92.17 5.20 -30.45	93.70 5.43 -31.69	93.34 5.55 -31.15	98.67 5.66 -36.37	100.26 5.66 -37.96	110.27 5.84 -47.74	122.59 6.61 -53.05	147.10 9.50 -48.86	146.37 11.10 -30.55	144.26 10.24 -37.41	130.29 8.33 -43.32	127.97 6.28 -61.81	117.74 6.36 -51.38	111.79 6.28 -42.74
EAST___DELAWARE_HYD 23607	67.34 4.45 -6.50	64.61 4.16 -4.30	61.96 3.98 -1.95	61.17 4.04 -1.04	60.78 3.98 -0.71	63.70 4.16 -3.39	65.61 4.22 -5.12	62.83 4.05 -2.50	67.01 4.26 -6.72	66.22 4.44 -4.90	88.43 4.58 -27.50	89.77 4.58 -28.60	89.34 4.59 -28.12	94.16 4.70 -32.82	95.72 4.87 -34.21	98.97 5.16 -37.12	113.64 5.98 -44.72	141.81 8.96 -44.11	143.09 10.79 -27.57	140.33 9.95 -33.77	125.76 8.03 -39.10	120.08 5.87 -54.33	112.03 5.82 -46.21	107.21 5.84 -38.59
EIGHT_POINT___WT_PWR 323820	56.85 -1.01 -1.48	55.62 -1.51 -0.98	54.68 -1.80 -0.44	54.59 -1.74 -0.24	54.68 -1.57 -0.16	55.69 -1.24 -0.77	56.48 -0.96 -1.16	55.88 -0.96 -0.57	56.17 -1.40 -1.53	57.37 -0.62 -1.12	61.54 -1.24 -6.26	61.85 -1.25 -6.51	61.96 -1.08 -6.40	63.03 -1.08 -7.47	63.29 -1.13 -7.79	64.18 -0.96 -8.45	72.93 -0.19 -10.18	98.78 0.00 -10.04	111.00 0.00 -6.28	104.30 0.00 -7.69	87.86 0.32 -8.90	72.36 0.12 -12.37	70.70 0.18 -10.52	72.25 0.69 -8.79
ELBRIDGE_115KV_TB2 80188	56.66 -0.51 -0.78	55.89 -0.79 -0.52	55.42 -0.84 -0.23	55.37 -0.84 -0.13	55.39 -0.79 -0.09	55.83 -0.73 -0.41	56.21 -0.68 -0.62	55.95 -0.62 -0.30	56.17 -0.67 -0.81	57.12 -0.34 -0.59	59.43 -0.40 -3.31	59.62 -0.40 -3.44	59.68 -0.34 -3.38	60.24 -0.34 -3.95	60.41 -0.34 -4.11	60.93 -0.23 -4.46	68.31 0.00 -5.38	94.04 0.00 -5.30	108.14 0.10 -3.32	100.77 0.10 -4.06	83.42 0.08 -4.70	66.35 -0.06 -6.53	65.49 -0.06 -5.56	67.42 0.00 -4.64
ELEC_TRO_TEK 24086	69.07 5.19 -7.50	65.82 4.89 -4.77	66.73 4.76 -5.93	61.84 4.60 -1.15	61.53 4.66 -0.79	65.45 4.83 -4.46	71.66 5.06 -10.32	73.60 5.18 -12.15	77.27 5.44 -15.80	76.76 5.74 -14.14	92.50 5.54 -30.44	93.85 5.60 -31.67	93.55 5.78 -31.13	98.92 5.95 -36.34	113.67 5.89 -51.14	130.72 6.07 -67.96	146.01 6.92 -76.15	153.26 9.94 -54.58	153.19 11.73 -36.73	152.51 10.82 -45.08	149.43 8.89 -61.91	148.90 6.59 -82.45	141.95 6.66 -75.29	123.45 6.72 -53.96
ELLENBURG_WT_PWR 323604	55.20 -1.19 0.00	55.32 -0.84 0.00	55.19 -0.84 0.00	55.19 -0.90 0.00	55.08 -1.01 0.00	55.03 -1.12 0.00	54.59 -1.69 0.00	54.92 -1.35 0.00	54.91 -1.12 0.00	55.40 -1.48 0.00	55.00 -1.52 0.00	55.00 -1.58 0.00	55.05 -1.59 0.00	54.82 -1.81 0.00	54.77 -1.87 0.00	54.65 -2.04 0.00	60.48 -2.46 0.00	85.55 -3.19 0.00	101.16 -3.56 0.00	93.14 -3.47 0.00	75.49 -3.15 0.00	57.60 -2.28 0.00	57.78 -2.22 0.00	61.02 -1.76 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	53.80 -3.72 -1.14	52.19 -4.72 -0.75	51.61 -4.76 -0.34	51.62 -4.66 -0.18	51.73 -4.49 -0.12	52.54 -4.21 -0.59	53.17 -4.00 -0.90	52.72 -4.00 -0.44	52.45 -4.76 -1.18	53.75 -3.98 -0.86	56.59 -4.75 -4.82	56.84 -4.75 -5.02	56.98 -4.59 -4.93	57.80 -4.59 -5.76	57.93 -4.70 -6.00	58.55 -4.65 -6.51	66.44 -4.34 -7.84	90.17 -6.30 -7.73	101.29 -8.27 -4.84	95.38 -7.15 -5.92	80.23 -5.27 -6.86	65.57 -3.83 -9.53	64.56 -3.54 -8.10	66.84 -2.70 -6.77
EMPIRE_CC_1 323656	67.28 2.31 -8.58	64.24 2.41 -5.67	61.07 2.46 -2.58	59.82 2.36 -1.38	59.44 2.41 -0.94	63.10 2.47 -4.47	65.44 2.42 -6.75	61.93 2.36 -3.30	67.14 2.24 -8.87	65.68 2.33 -6.47	95.53 2.71 -36.29	96.94 2.60 -37.75	96.36 2.61 -37.11	102.57 2.61 -43.32	104.40 2.61 -45.16	108.24 2.55 -49.00	124.86 2.90 -59.03	150.95 4.00 -58.21	145.72 4.60 -36.39	145.43 4.25 -44.57	133.87 3.62 -51.61	134.22 2.63 -71.72	123.63 2.64 -61.00	116.47 2.76 -50.94
EMPIRE_CC_2 323658	67.28 2.31 -8.58	64.24 2.41 -5.67	61.07 2.46 -2.58	59.82 2.36 -1.38	59.44 2.41 -0.94	63.10 2.47 -4.47	65.44 2.42 -6.75	61.93 2.36 -3.30	67.14 2.24 -8.87	65.68 2.33 -6.47	95.53 2.71 -36.29	96.94 2.60 -37.75	96.36 2.61 -37.11	102.57 2.61 -43.32	104.40 2.61 -45.16	108.24 2.55 -49.00	124.86 2.90 -59.03	150.95 4.00 -58.21	145.72 4.60 -36.39	145.43 4.25 -44.57	133.87 3.62 -51.61	134.22 2.63 -71.72	123.63 2.64 -61.00	116.47 2.76 -50.94
ENORWICH_115KV_TB1 80156	62.70 4.06 -2.26	61.41 3.76 -1.49	60.52 3.81 -0.68	60.10 3.65 -0.36	60.10 3.76 -0.25	61.43 4.10 -1.18	62.27 4.22 -1.78	61.42 4.28 -0.87	62.57 4.20 -2.33	63.47 4.89 -1.70	71.22 5.14 -9.55	71.67 5.15 -9.94	71.62 5.21 -9.77	73.36 5.32 -11.40	74.02 5.49 -11.89	75.26 5.67 -12.90	85.59 7.11 -15.54	114.18 10.12 -15.32	126.24 11.94 -9.58	119.16 10.82 -11.73	101.11 8.89 -13.58	85.22 6.47 -18.88	82.17 6.12 -16.06	83.22 7.03 -13.41
ERIE_ST__34_KV_TB1-2 80199	53.56 -4.00 -1.18	51.94 -5.00 -0.78	51.34 -5.04 -0.35	51.34 -4.94 -0.19	51.45 -4.77 -0.13	52.28 -4.49 -0.61	53.03 -4.16 -0.93	52.56 -4.16 -0.45	52.37 -4.88 -1.21	53.72 -4.04 -0.89	56.75 -4.75 -4.97	57.06 -4.70 -5.17	57.13 -4.59 -5.09	57.99 -4.59 -5.94	58.12 -4.70 -6.19	58.81 -4.59 -6.71	66.75 -4.28 -8.09	90.68 -6.03 -7.98	101.86 -7.85 -4.99	95.86 -6.86 -6.11	80.76 -4.95 -7.07	65.99 -3.71 -9.83	64.88 -3.48 -8.36	66.93 -2.82 -6.98
ERIE_WT_PWR 323693	54.00 -3.55 -1.16	52.71 -4.21 -0.77	51.79 -4.59 -0.35	51.79 -4.49 -0.19	51.90 -4.32 -0.13	52.67 -4.10 -0.61	53.36 -3.83 -0.92	52.89 -3.83 -0.45	52.70 -4.54 -1.20	54.17 -3.58 -0.88	56.97 -4.47 -4.92	57.23 -4.47 -5.12	57.31 -4.36 -5.03	58.20 -4.31 -5.87	58.34 -4.42 -6.12	58.97 -4.36 -6.64	66.91 -4.03 -8.00	90.87 -5.77 -7.89	102.02 -7.64 -4.93	96.08 -6.57 -6.04	80.84 -4.80 -7.00	66.12 -3.47 -9.72	65.03 -3.24 -8.27	67.23 -2.45 -6.91
ESPRGFLD_115KV_TB1 80157	59.66 3.16 -0.12	59.21 2.98 -0.08	58.98 2.91 -0.04	59.08 2.97 -0.02	59.13 3.03 -0.01	59.31 3.09 -0.06	59.46 3.09 -0.09	59.53 3.21 -0.05	59.46 3.31 -0.12	60.66 3.70 -0.09	60.58 3.56 -0.50	60.83 3.73 -0.52	60.83 3.68 -0.51	61.02 3.79 -0.59	61.16 3.91 -0.62	61.50 4.14 -0.67	68.72 4.97 -0.81	96.64 7.10 -0.80	113.50 8.27 -0.50	105.05 7.83 -0.61	85.64 6.29 -0.71	65.94 5.09 -0.98	65.63 4.80 -0.84	68.56 5.08 -0.70
ETNA_115_KV_TB1_REV_LBMP_C 345029	59.19 1.18 -1.62	58.07 0.84 -1.07	57.36 0.84 -0.49	57.19 0.84 -0.26	57.17 0.90 -0.18	58.01 1.01 -0.85	58.73 1.18 -1.28	58.08 1.18 -0.62	58.78 1.06 -1.68	59.58 1.48 -1.22	64.80 1.41 -6.86	65.19 1.47 -7.14	65.24 1.59 -7.02	66.41 1.59 -8.19	66.82 1.64 -8.54	67.71 1.76 -9.26	76.55 2.45 -11.16	103.39 3.64 -11.01	116.00 4.40 -6.88	109.00 3.96 -8.43	91.62 3.22 -9.76	75.71 2.28 -13.56	73.69 2.16 -11.53	74.79 2.39 -9.63
ETNA____115KV_TB2 80207	59.19 1.18 -1.62	58.07 0.84 -1.07	57.36 0.84 -0.49	57.19 0.84 -0.26	57.17 0.90 -0.18	58.01 1.01 -0.85	58.73 1.18 -1.28	58.08 1.18 -0.62	58.78 1.06 -1.68	59.58 1.48 -1.22	64.80 1.41 -6.86	65.19 1.47 -7.14	65.24 1.59 -7.02	66.41 1.59 -8.19	66.82 1.64 -8.54	67.71 1.76 -9.26	76.55 2.45 -11.16	103.39 3.64 -11.01	116.00 4.40 -6.88	109.00 3.96 -8.43	91.62 3.22 -9.76	75.71 2.28 -13.56	73.69 2.16 -11.53	74.79 2.39 -9.63
EUCLID__115KV_TB2 356179	56.16 -0.85 -0.62	55.44 -1.12 -0.41	55.10 -1.12 -0.19	55.07 -1.12 -0.10	55.04 -1.12 -0.07	55.41 -1.07 -0.32	55.75 -1.01 -0.49	55.55 -0.96 -0.24	55.67 -1.01 -0.64	56.60 -0.74 -0.47	58.35 -0.79 -2.62	58.57 -0.74 -2.72	58.58 -0.74 -2.68	59.08 -0.68 -3.13	59.22 -0.68 -3.26	59.60 -0.62 -3.54	66.69 -0.50 -4.26	92.23 -0.71 -4.20	106.62 -0.73 -2.63	99.06 -0.77 -3.22	81.81 -0.55 -3.72	64.57 -0.48 -5.18	63.86 -0.54 -4.40	65.95 -0.50 -3.68
E_CANADA_CAP_HY 24051	70.65 3.72 -10.55	66.73 3.60 -6.98	62.73 3.53 -3.17	61.32 3.54 -1.69	60.84 3.59 -1.15	65.36 3.71 -5.50	68.12 3.55 -8.30	63.93 3.60 -4.06	70.69 3.75 -10.90	68.75 3.92 -7.96	104.65 3.51 -44.63	106.74 3.73 -46.42	105.95 3.68 -45.64	113.65 3.74 -53.27	116.06 3.90 -55.52	121.07 4.14 -60.25	140.55 5.04 -72.58	167.60 7.28 -71.58	157.85 8.38 -44.75	159.43 8.01 -54.80	148.46 6.37 -63.46	153.62 5.57 -88.18	140.28 5.28 -75.00	130.93 5.53 -62.63
E_CANADA_MHWK_HY 24050	56.83 0.45 0.00	56.60 0.45 0.00	56.53 0.50 0.00	56.71 0.62 0.00	56.82 0.73 0.00	56.88 0.73 0.00	56.95 0.68 0.00	57.06 0.79 0.00	56.82 0.78 0.00	57.78 0.91 0.00	57.48 0.96 0.00	57.48 0.90 0.00	57.49 0.85 0.00	57.43 0.79 0.00	57.37 0.73 0.00	57.43 0.74 0.00	63.82 0.88 0.00	89.89 1.15 0.00	105.98 1.26 0.00	97.86 1.25 0.00	79.74 1.10 0.00	60.83 0.95 0.00	61.02 1.02 0.00	63.91 1.13 0.00
E_FISHKILL__LBMP 23776	67.52 3.72 -7.42	64.60 3.54 -4.91	61.73 3.47 -2.23	60.70 3.42 -1.19	60.32 3.42 -0.81	63.56 3.54 -3.87	65.77 3.66 -5.84	62.84 3.71 -2.85	67.57 3.87 -7.66	66.62 4.15 -5.59	91.97 4.07 -31.38	93.35 4.13 -32.64	92.92 4.19 -32.09	98.34 4.25 -37.46	99.92 4.25 -39.04	103.38 4.37 -42.32	118.92 4.97 -51.01	146.26 7.19 -50.33	144.57 8.38 -31.46	142.87 7.73 -38.53	129.63 6.37 -44.62	126.50 4.67 -61.96	117.46 4.74 -52.72	111.59 4.77 -44.04
FALCON__SEABRD_CC1 323796	55.99 -0.39 0.00	56.04 -0.11 0.00	55.92 -0.11 0.00	55.92 -0.17 0.00	55.76 -0.33 0.00	55.77 -0.39 0.00	54.98 -1.29 0.00	55.37 -0.90 0.00	55.37 -0.67 0.00	55.85 -1.02 0.00	55.44 -1.08 0.00	55.39 -1.19 0.00	55.50 -1.13 0.00	55.28 -1.36 0.00	55.22 -1.41 0.00	55.05 -1.65 0.00	60.99 -1.95 0.00	86.35 -2.39 0.00	102.21 -2.51 0.00	94.10 -2.51 0.00	76.20 -2.44 0.00	58.08 -1.79 0.00	58.26 -1.74 0.00	61.90 -0.88 0.00
FALCON__SEABRD_CC2 323797	55.99 -0.39 0.00	56.04 -0.11 0.00	55.92 -0.11 0.00	55.92 -0.17 0.00	55.76 -0.33 0.00	55.77 -0.39 0.00	54.98 -1.29 0.00	55.37 -0.90 0.00	55.37 -0.67 0.00	55.85 -1.02 0.00	55.44 -1.08 0.00	55.39 -1.19 0.00	55.50 -1.13 0.00	55.28 -1.36 0.00	55.22 -1.41 0.00	55.05 -1.65 0.00	60.99 -1.95 0.00	86.35 -2.39 0.00	102.21 -2.51 0.00	94.10 -2.51 0.00	76.20 -2.44 0.00	58.08 -1.79 0.00	58.26 -1.74 0.00	61.90 -0.88 0.00

FAR ROCKAWAY___4 23548	69.69 5.81 -7.50	66.43 5.50 -4.77	67.34 5.38 -5.93	62.46 5.22 -1.15	62.15 5.27 -0.79	66.12 5.50 -4.46	72.34 5.74 -10.32	74.22 5.80 -12.15	77.89 6.05 -15.80	77.50 6.48 -14.14	93.24 6.27 -30.44	94.64 6.39 -31.67	94.34 6.57 -31.13	99.66 6.68 -36.34	114.46 6.68 -51.14	131.51 6.86 -67.96	147.02 7.93 -76.15	154.76 11.45 -54.58	154.97 13.51 -36.73	154.16 12.46 -45.08	150.77 10.22 -61.91	149.86 7.54 -82.45	142.85 7.56 -75.29	124.33 7.60 -53.96
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	68.32 4.74 -7.20	65.41 4.49 -4.76	62.56 4.37 -2.16	61.56 4.32 -1.15	61.14 4.26 -0.79	64.29 4.38 -3.75	66.61 4.67 -5.67	63.77 4.73 -2.77	68.46 4.99 -7.44	67.66 5.35 -5.44	92.12 5.14 -30.45	93.65 5.38 -31.69	93.23 5.44 -31.16	98.56 5.55 -36.37	100.09 5.49 -37.96	110.40 5.67 -48.04	122.63 6.48 -53.21	146.83 9.23 -48.86	146.16 10.89 -30.55	144.07 10.05 -37.41	130.21 8.26 -43.32	127.92 6.17 -61.88	117.63 6.24 -51.39	111.73 6.21 -42.74
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	68.38 4.79 -7.20	65.41 4.49 -4.76	62.56 4.37 -2.16	61.56 4.32 -1.15	61.14 4.26 -0.79	64.29 4.38 -3.75	66.61 4.67 -5.67	63.77 4.73 -2.77	68.46 4.99 -7.44	67.66 5.35 -5.44	92.12 5.14 -30.45	93.65 5.38 -31.69	93.23 5.44 -31.16	98.56 5.55 -36.37	100.15 5.55 -37.96	110.46 5.73 -48.04	122.63 6.48 -53.21	146.83 9.23 -48.86	146.16 10.89 -30.55	144.07 10.05 -37.41	130.21 8.26 -43.32	127.92 6.17 -61.88	117.63 6.24 -51.39	111.73 6.21 -42.74
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	68.32 4.74 -7.20	65.35 4.44 -4.76	62.51 4.31 -2.16	61.56 4.32 -1.15	61.08 4.21 -0.79	64.29 4.38 -3.75	66.55 4.61 -5.67	63.77 4.73 -2.77	68.46 4.99 -7.44	67.60 5.29 -5.44	92.06 5.09 -30.45	93.59 5.32 -31.69	93.17 5.38 -31.16	98.50 5.49 -36.37	100.09 5.49 -37.96	110.40 5.67 -48.04	122.57 6.42 -53.21	146.74 9.14 -48.86	146.06 10.79 -30.55	143.98 9.95 -37.41	130.13 8.18 -43.32	127.86 6.11 -61.88	117.57 6.18 -51.39	111.67 6.15 -42.74
FARRAGUT___LBMP 323566	68.26 4.68 -7.20	65.35 4.44 -4.76	62.51 4.31 -2.16	61.51 4.26 -1.15	61.08 4.21 -0.79	64.23 4.32 -3.75	66.55 4.61 -5.67	63.71 4.67 -2.77	68.40 4.93 -7.44	67.54 5.23 -5.44	92.06 5.09 -30.45	93.53 5.26 -31.69	93.17 5.38 -31.16	98.44 5.44 -36.37	100.04 5.44 -37.96	110.35 5.61 -48.04	122.57 6.42 -53.21	146.74 9.14 -48.86	145.95 10.68 -30.55	143.98 9.95 -37.41	130.06 8.10 -43.32	127.86 6.11 -61.88	117.51 6.12 -51.39	111.67 6.15 -42.74
FENNER___WINDPWR 24204	58.50 1.24 -0.88	57.80 1.06 -0.58	57.30 1.01 -0.26	57.24 1.01 -0.14	57.31 1.12 -0.10	57.85 1.23 -0.46	58.20 1.24 -0.69	57.85 1.24 -0.34	58.23 1.29 -0.91	59.24 1.70 -0.66	62.05 1.81 -3.72	62.20 1.76 -3.87	62.25 1.81 -3.80	63.00 1.93 -4.44	63.24 1.98 -4.63	63.81 2.10 -5.02	71.50 2.52 -6.05	98.16 3.46 -5.96	112.43 3.98 -3.73	104.85 3.67 -4.57	86.91 2.99 -5.29	69.37 2.15 -7.35	68.34 2.10 -6.25	70.25 2.26 -5.22
FIBERTEK___ENERGY 23856	56.90 -0.23 -0.74	56.14 -0.51 -0.49	55.75 -0.50 -0.22	55.65 -0.56 -0.12	55.67 -0.50 -0.08	56.09 -0.45 -0.39	56.46 -0.39 -0.58	56.22 -0.34 -0.28	56.46 -0.34 -0.76	57.38 -0.06 -0.56	59.59 -0.06 -3.12	59.83 0.00 -3.25	59.89 0.06 -3.20	60.42 0.06 -3.73	60.58 0.06 -3.89	61.02 0.11 -4.22	68.46 0.44 -5.08	94.37 0.62 -5.01	108.69 0.84 -3.13	101.12 0.68 -3.84	83.71 0.63 -4.44	66.41 0.36 -6.17	65.55 0.30 -5.25	67.54 0.38 -4.38
FITZPATRICK___ 23598	55.07 -1.75 -0.43	54.53 -1.91 -0.29	54.20 -1.96 -0.13	54.20 -1.96 -0.07	54.17 -1.96 -0.05	54.42 -1.97 -0.23	54.70 -1.91 -0.34	54.53 -1.91 -0.17	54.52 -1.96 -0.45	55.50 -1.70 -0.33	56.54 -1.81 -1.84	56.74 -1.75 -1.91	56.76 -1.76 -1.88	57.07 -1.76 -2.19	57.16 -1.76 -2.28	57.47 -1.70 -2.48	64.23 -1.70 -2.99	89.20 -2.48 -2.94	103.63 -2.93 -1.84	96.16 -2.70 -2.25	79.13 -2.12 -2.61	61.82 -1.68 -3.63	61.40 -1.68 -3.09	63.66 -1.69 -2.58
FLOWRFLD_69_KV_BK1 356044	70.20 6.31 -7.50	66.94 6.01 -4.77	67.90 5.94 -5.93	62.91 5.67 -1.15	62.71 5.83 -0.79	66.63 6.01 -4.46	72.84 6.25 -10.32	74.72 6.30 -12.15	78.28 6.44 -15.80	77.84 6.83 -14.14	93.46 6.50 -30.44	94.70 6.45 -31.67	94.39 6.63 -31.13	99.83 6.85 -36.34	114.63 6.85 -51.14	131.62 6.97 -67.96	147.08 7.99 -76.15	154.68 11.36 -54.58	154.76 13.30 -36.73	154.06 12.37 -45.08	150.61 10.07 -61.91	149.92 7.60 -82.45	143.03 7.74 -75.29	124.58 7.85 -53.96
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	68.16 4.57 -7.21	65.19 4.27 -4.77	62.34 4.15 -2.17	61.40 4.15 -1.16	60.92 4.04 -0.79	64.07 4.16 -3.76	66.23 4.28 -5.68	63.27 4.22 -2.77	67.97 4.48 -7.45	66.92 4.61 -5.44	91.61 4.58 -30.51	93.07 4.75 -31.74	92.59 4.76 -31.20	97.93 4.87 -36.42	99.52 4.93 -37.96	102.98 5.10 -41.19	118.41 5.85 -49.62	146.38 8.70 -48.94	145.79 10.47 -30.59	143.74 9.66 -37.47	129.73 7.71 -43.38	125.91 5.75 -60.29	116.97 5.70 -51.28	111.37 5.78 -42.82
FORT ORANGE___ 23900	67.36 2.14 -8.83	64.53 2.53 -5.84	61.21 2.52 -2.65	59.97 2.47 -1.42	59.58 2.53 -0.97	63.35 2.58 -4.61	65.76 2.53 -6.95	62.20 2.53 -3.40	67.24 2.07 -9.13	65.70 2.16 -6.66	95.97 2.09 -37.36	97.48 2.03 -38.86	96.88 2.04 -38.21	103.10 1.87 -44.60	104.98 1.87 -46.48	108.77 1.65 -50.44	125.53 1.83 -60.76	151.06 2.40 -59.93	145.01 2.83 -37.46	145.19 2.70 -45.88	133.96 2.20 -53.12	135.37 1.67 -73.82	124.58 1.80 -62.79	117.41 2.20 -52.43
FORT_DRUM_COGEN 23780	56.08 -0.62 -0.32	55.69 -0.67 -0.21	55.51 -0.62 -0.10	55.52 -0.62 -0.05	55.62 -0.50 -0.03	55.87 -0.45 -0.17	56.02 -0.51 -0.25	56.00 -0.39 -0.12	56.19 -0.17 -0.33	57.51 0.40 -0.24	58.82 0.96 -1.34	58.83 0.85 -1.40	58.80 0.79 -1.37	59.43 1.19 -1.60	59.55 1.25 -1.67	59.98 1.47 -1.81	66.69 1.57 -2.18	93.20 2.31 -2.15	108.69 2.62 -1.35	100.48 2.22 -1.65	82.44 1.89 -1.91	63.66 1.14 -2.65	62.91 0.66 -2.26	65.29 0.63 -1.88
FOX_HILLS___ESR 323835	68.50 4.91 -7.21	65.42 4.49 -4.77	62.63 4.43 -2.17	62.08 4.82 -1.16	61.15 4.26 -0.79	64.41 4.49 -3.76	66.73 4.78 -5.67	63.82 4.78 -2.77	68.52 5.04 -7.44	67.72 5.40 -5.44	92.23 5.26 -30.46	93.82 5.54 -31.70	93.46 5.66 -31.16	98.73 5.72 -36.38	100.11 5.49 -37.98	111.88 5.67 -49.52	123.42 6.48 -54.00	147.55 9.94 -48.87	147.01 11.73 -30.55	144.85 10.82 -37.42	130.53 8.57 -43.32	128.31 6.23 -62.22	117.78 6.36 -51.43	112.24 6.72 -42.75
FPL_FAR_ROCK_GT1 24212	69.69 5.81 -7.50	66.44 5.51 -4.77	67.34 5.38 -5.93	62.58 5.33 -1.15	62.15 5.27 -0.79	66.12 5.51 -4.46	72.34 5.74 -10.32	74.22 5.80 -12.15	77.89 6.05 -15.80	77.50 6.48 -14.14	93.24 6.27 -30.44	94.64 6.39 -31.67	94.34 6.57 -31.13	99.66 6.68 -36.34	114.46 6.68 -51.14	131.51 6.86 -67.96	147.02 7.93 -76.15	154.78 11.45 -54.58	154.98 13.51 -36.74	154.17 12.47 -45.09	150.77 10.22 -61.91	149.87 7.54 -82.45	142.85 7.56 -75.29	124.33 7.59 -53.96
FPL_FAR_ROCK_GT2 23815	69.69 5.81 -7.50	66.44 5.51 -4.77	67.34 5.38 -5.93	62.58 5.33 -1.15	62.15 5.27 -0.79	66.12 5.51 -4.46	72.34 5.74 -10.32	74.22 5.80 -12.15	77.89 6.05 -15.80	77.50 6.48 -14.14	93.24 6.27 -30.44	94.64 6.39 -31.67	94.34 6.57 -31.13	99.66 6.68 -36.34	114.46 6.68 -51.14	131.51 6.86 -67.96	147.02 7.93 -76.15	154.78 11.45 -54.58	154.98 13.51 -36.74	154.17 12.47 -45.09	150.77 10.22 -61.91	149.87 7.54 -82.45	142.85 7.56 -75.29	124.33 7.59 -53.96



FRANKLIN_FALL_HYD 24054	55.48 -0.90 0.00	55.59 -0.56 0.00	55.41 -0.62 0.00	55.47 -0.62 0.00	55.31 -0.79 0.00	55.26 -0.90 0.00	54.92 -1.35 0.00	55.32 -0.96 0.00	55.31 -0.73 0.00	55.85 -1.02 0.00	55.50 -1.02 0.00	55.51 -1.08 0.00	55.62 -1.02 0.00	55.39 -1.25 0.00	55.33 -1.30 0.00	55.16 -1.53 0.00	60.86 -2.08 0.00	86.08 -2.66 0.00	101.90 -2.83 0.00	93.91 -2.71 0.00	75.89 -2.75 0.00	57.90 -1.98 0.00	58.08 -1.92 0.00	61.02 -1.76 0.00
FREEPORT_EQUS_GT1 23764	69.47 5.58 -7.50	66.27 5.34 -4.77	67.18 5.21 -5.93	62.35 5.10 -1.15	61.98 5.10 -0.79	65.89 5.28 -4.46	72.12 5.52 -10.32	74.05 5.63 -12.15	77.67 5.83 -15.80	77.22 6.20 -14.14	92.73 5.77 -30.44	94.08 5.83 -31.67	93.77 6.00 -31.13	99.15 6.17 -36.34	113.95 6.17 -51.14	131.00 6.35 -67.96	146.39 7.30 -76.15	153.87 10.56 -54.58	153.92 12.46 -36.74	153.19 11.49 -45.08	149.98 9.43 -61.91	149.50 7.18 -82.45	142.49 7.20 -75.29	124.01 7.28 -53.96
FREEPORT___CT2 23818	69.47 5.58 -7.50	66.27 5.34 -4.77	67.18 5.21 -5.93	62.35 5.10 -1.15	61.98 5.10 -0.79	65.89 5.28 -4.46	72.12 5.52 -10.32	74.05 5.63 -12.15	77.67 5.83 -15.80	77.22 6.20 -14.14	92.73 5.77 -30.44	94.08 5.83 -31.67	93.77 6.00 -31.13	99.15 6.17 -36.34	113.95 6.17 -51.14	131.00 6.35 -67.96	146.39 7.30 -76.15	153.87 10.56 -54.58	153.92 12.46 -36.74	153.19 11.49 -45.08	149.98 9.43 -61.91	149.50 7.18 -82.45	142.49 7.20 -75.29	124.01 7.28 -53.96
FRESHKLS_33_KV_LOAD 356253	68.33 4.74 -7.21	65.25 4.32 -4.77	62.46 4.26 -2.17	62.08 4.82 -1.16	61.04 4.15 -0.79	64.24 4.32 -3.76	66.56 4.61 -5.67	63.71 4.67 -2.77	68.35 4.88 -7.44	67.60 5.29 -5.44	92.12 5.14 -30.46	93.65 5.38 -31.70	93.29 5.49 -31.16	98.62 5.61 -36.38	99.94 5.32 -37.98	111.71 5.50 -49.52	123.23 6.29 -54.00	147.46 9.85 -48.87	146.90 11.62 -30.55	144.76 10.72 -37.42	130.46 8.49 -43.32	128.20 6.11 -62.22	117.60 6.18 -51.43	112.18 6.65 -42.75
FULTON COGEN____ 23766	55.95 -1.01 -0.58	55.31 -1.24 -0.38	54.92 -1.29 -0.17	54.89 -1.29 -0.09	54.86 -1.29 -0.06	55.22 -1.24 -0.30	55.49 -1.24 -0.46	55.31 -1.18 -0.22	55.46 -1.18 -0.60	56.40 -0.91 -0.44	58.08 -0.90 -2.46	58.29 -0.85 -2.56	58.30 -0.85 -2.52	58.72 -0.85 -2.94	58.91 -0.79 -3.06	59.28 -0.74 -3.32	66.31 -0.63 -4.00	91.80 -0.89 -3.95	106.35 -0.84 -2.47	98.76 -0.87 -3.02	81.43 -0.71 -3.50	64.14 -0.60 -4.86	63.47 -0.66 -4.14	65.60 -0.63 -3.45
FULTON___LFGE 323630	72.99 6.54 -10.07	69.05 6.23 -6.66	65.22 6.16 -3.03	63.93 6.23 -1.61	63.36 6.17 -1.10	67.81 6.40 -5.25	70.67 6.47 -7.93	66.73 6.58 -3.87	73.22 6.78 -10.41	71.24 6.76 -7.60	104.95 5.82 -42.61	107.18 6.28 -44.32	106.33 6.12 -43.57	113.62 6.12 -50.86	116.16 6.51 -53.01	121.13 6.91 -57.52	140.41 8.18 -69.30	168.80 11.71 -68.34	161.06 13.61 -42.72	161.97 13.04 -52.32	149.60 10.38 -60.59	153.11 9.04 -84.19	140.30 8.70 -71.61	131.74 9.17 -59.80
G.F.CEMENT___DRP 24184	69.94 4.40 -9.16	66.37 4.16 -6.06	62.93 4.15 -2.75	61.65 4.09 -1.47	61.24 4.15 -1.00	65.20 4.27 -4.78	67.48 4.00 -7.21	63.85 4.05 -3.52	69.54 4.03 -9.47	67.88 4.10 -6.91	98.78 3.50 -38.76	100.63 3.73 -40.32	99.90 3.62 -39.63	106.47 3.57 -46.27	108.54 3.68 -48.22	112.81 3.80 -52.32	130.38 4.41 -63.03	157.30 6.39 -62.17	151.02 7.44 -38.86	151.26 7.05 -47.59	139.41 5.66 -55.11	141.61 5.15 -76.58	130.11 4.98 -65.14	122.38 5.21 -54.39
GARDENVILLE___LBMP 24039	53.88 -3.66 -1.16	52.26 -4.66 -0.77	51.67 -4.71 -0.35	51.68 -4.60 -0.19	51.79 -4.43 -0.13	52.61 -4.16 -0.61	53.25 -3.94 -0.92	52.84 -3.88 -0.45	52.59 -4.65 -1.20	53.88 -3.87 -0.88	56.80 -4.63 -4.92	57.12 -4.58 -5.12	57.19 -4.47 -5.03	58.03 -4.47 -5.87	58.17 -4.59 -6.12	58.85 -4.48 -6.64	66.72 -4.22 -8.00	90.60 -6.03 -7.89	101.80 -7.85 -4.93	95.79 -6.86 -6.04	80.60 -5.03 -6.99	65.94 -3.65 -9.72	64.91 -3.36 -8.27	67.11 -2.57 -6.90
GARDNVLA_35_KV_LD 355827	54.05 -3.50 -1.16	52.43 -4.49 -0.77	51.84 -4.54 -0.35	51.85 -4.43 -0.19	51.96 -4.26 -0.13	52.78 -3.99 -0.61	53.42 -3.77 -0.92	53.01 -3.71 -0.45	52.75 -4.48 -1.20	54.11 -3.64 -0.88	57.03 -4.41 -4.92	57.29 -4.41 -5.12	57.42 -4.25 -5.03	58.26 -4.25 -5.88	58.40 -4.36 -6.12	59.03 -4.31 -6.64	66.98 -3.97 -8.00	90.96 -5.68 -7.89	102.22 -7.44 -4.94	96.18 -6.47 -6.04	81.00 -4.64 -7.00	66.18 -3.41 -9.73	65.15 -3.12 -8.27	67.36 -2.32 -6.91
GELCKHM___115KV_LOAD 80723	56.43 -0.62 -0.66	55.70 -0.90 -0.44	55.33 -0.90 -0.20	55.24 -0.95 -0.11	55.27 -0.90 -0.07	55.66 -0.84 -0.35	56.01 -0.79 -0.52	55.80 -0.73 -0.26	55.94 -0.78 -0.69	56.86 -0.51 -0.50	58.82 -0.51 -2.81	58.99 -0.51 -2.92	59.05 -0.45 -2.87	59.53 -0.45 -3.35	59.73 -0.40 -3.49	60.14 -0.34 -3.79	67.31 -0.19 -4.56	92.98 -0.27 -4.50	107.33 -0.21 -2.81	99.86 -0.19 -3.45	82.47 -0.16 -3.99	65.24 -0.18 -5.54	64.47 -0.24 -4.72	66.53 -0.19 -3.94
GENERAL___MILLS 23808	53.99 -3.55 -1.16	52.32 -4.60 -0.77	51.78 -4.59 -0.35	51.73 -4.54 -0.19	51.84 -4.38 -0.13	52.66 -4.10 -0.61	53.36 -3.83 -0.92	52.89 -3.83 -0.45	52.64 -4.59 -1.20	54.00 -3.75 -0.88	56.92 -4.52 -4.92	57.17 -4.53 -5.12	57.31 -4.36 -5.03	58.15 -4.36 -5.87	58.28 -4.47 -6.12	58.91 -4.42 -6.64	66.85 -4.09 -8.00	90.78 -5.86 -7.89	102.01 -7.64 -4.93	95.99 -6.67 -6.04	80.76 -4.88 -7.00	66.06 -3.53 -9.72	65.03 -3.24 -8.27	67.23 -2.45 -6.91
GE_PLASTICS___DRP 24183	67.42 2.20 -8.84	64.19 2.19 -5.84	60.87 2.19 -2.65	59.69 2.19 -1.42	59.24 2.19 -0.97	63.01 2.25 -4.61	65.48 2.25 -6.96	61.86 2.19 -3.40	67.35 2.19 -9.13	65.81 2.28 -6.66	96.11 2.20 -37.38	97.67 2.21 -38.89	97.07 2.21 -38.23	103.41 2.15 -44.62	105.24 2.10 -46.51	109.08 1.93 -50.46	125.94 2.20 -60.80	151.72 3.02 -59.96	145.66 3.46 -37.48	145.80 3.28 -45.90	134.47 2.67 -53.15	135.77 2.04 -73.86	124.98 2.16 -62.82	117.62 2.39 -52.46
GILBOA___1 23756	65.59 2.20 -7.01	62.87 2.08 -4.64	60.15 2.01 -2.11	59.40 2.19 -1.12	59.10 2.25 -0.77	61.89 2.08 -3.66	63.93 2.14 -5.52	61.16 2.19 -2.70	65.47 2.18 -7.25	64.55 2.39 -5.29	88.51 2.32 -29.67	89.82 2.38 -30.87	89.36 2.38 -30.34	94.49 2.43 -35.42	95.93 2.38 -36.92	99.19 2.44 -40.06	114.03 2.83 -48.26	140.15 3.81 -47.59	138.98 4.50 -29.75	137.20 4.15 -36.44	124.29 3.46 -42.19	121.20 2.70 -58.63	112.57 2.70 -49.87	107.18 2.76 -41.64
GILBOA___2 23757	65.59 2.20 -7.01	62.87 2.08 -4.64	60.15 2.01 -2.11	59.40 2.19 -1.12	59.10 2.25 -0.77	61.89 2.08 -3.66	63.93 2.14 -5.52	61.16 2.19 -2.70	65.47 2.18 -7.25	64.55 2.39 -5.29	88.51 2.32 -29.67	89.82 2.38 -30.87	89.36 2.38 -30.34	94.49 2.43 -35.42	95.93 2.38 -36.92	99.19 2.44 -40.06	114.03 2.83 -48.26	140.15 3.81 -47.59	138.98 4.50 -29.75	137.20 4.15 -36.44	124.29 3.46 -42.19	121.20 2.70 -58.63	112.57 2.70 -49.87	107.18 2.76 -41.64
GILBOA___3 23758	65.59 2.20 -7.01	62.87 2.08 -4.64	60.15 2.01 -2.11	59.40 2.19 -1.12	59.10 2.25 -0.77	61.89 2.08 -3.66	63.93 2.14 -5.52	61.16 2.19 -2.70	65.47 2.18 -7.25	64.55 2.39 -5.29	88.51 2.32 -29.67	89.82 2.38 -30.87	89.36 2.38 -30.34	94.49 2.43 -35.42	95.93 2.38 -36.92	99.19 2.44 -40.06	114.03 2.83 -48.26	140.15 3.81 -47.59	138.98 4.50 -29.75	137.20 4.15 -36.44	124.29 3.46 -42.19	121.20 2.70 -58.63	112.57 2.70 -49.87	107.18 2.76 -41.64

GILBOA___4 23759	65.59 2.20 -7.01	62.87 2.08 -4.64	60.15 2.01 -2.11	59.40 2.19 -1.12	59.10 2.25 -0.77	61.89 2.08 -3.66	63.93 2.14 -5.52	61.16 2.19 -2.70	65.47 2.18 -7.25	64.55 2.39 -5.29	88.51 2.32 -29.67	89.82 2.38 -30.87	89.36 2.38 -30.34	94.49 2.43 -35.42	95.93 2.38 -36.92	99.19 2.44 -40.06	114.03 2.83 -48.26	140.15 3.81 -47.59	138.98 4.50 -29.75	137.20 4.15 -36.44	124.29 3.46 -42.19	121.20 2.70 -58.63	112.57 2.70 -49.87	107.18 2.76 -41.64
GILBOA____ 23599	65.60 2.20 -7.01	62.87 2.08 -4.64	60.15 2.02 -2.11	59.40 2.19 -1.12	59.10 2.24 -0.77	61.89 2.08 -3.66	63.93 2.14 -5.52	61.16 2.19 -2.70	65.47 2.19 -7.25	64.55 2.39 -5.29	88.51 2.32 -29.67	89.82 2.38 -30.87	89.36 2.38 -30.34	94.49 2.44 -35.42	95.93 2.38 -36.92	99.19 2.44 -40.06	114.03 2.83 -48.26	140.15 3.82 -47.59	138.98 4.50 -29.75	137.20 4.15 -36.44	124.29 3.46 -42.19	121.20 2.69 -58.63	112.56 2.70 -49.87	107.18 2.76 -41.64
GINNA____ 23603	53.34 -3.89 -0.84	52.39 -4.32 -0.56	51.75 -4.54 -0.25	51.74 -4.49 -0.13	51.75 -4.43 -0.09	52.33 -4.27 -0.44	52.83 -4.11 -0.66	52.60 -3.99 -0.32	52.59 -4.31 -0.87	53.87 -3.64 -0.64	56.18 -3.90 -3.56	56.38 -3.90 -3.71	56.48 -3.79 -3.64	57.09 -3.79 -4.25	57.27 -3.79 -4.43	57.76 -3.74 -4.81	65.02 -3.71 -5.79	89.22 -5.24 -5.71	101.90 -6.39 -3.57	95.19 -5.79 -4.37	79.06 -4.64 -5.07	63.38 -3.53 -7.04	62.32 -3.66 -5.99	64.32 -3.45 -5.00
GLEN PARK____ 23778	56.59 -0.11 -0.32	56.20 -0.17 -0.21	56.02 -0.11 -0.10	56.03 -0.11 -0.05	56.18 0.06 -0.04	56.38 0.06 -0.17	56.58 0.06 -0.25	56.57 0.17 -0.12	56.81 0.45 -0.33	58.26 1.14 -0.24	59.69 1.81 -1.37	59.64 1.64 -1.42	59.62 1.58 -1.40	60.36 2.10 -1.63	60.49 2.15 -1.70	60.97 2.44 -1.84	67.93 2.77 -2.22	94.93 4.00 -2.19	110.59 4.50 -1.37	102.35 4.06 -1.68	83.96 3.38 -1.94	64.79 2.22 -2.70	63.97 1.68 -2.30	66.32 1.63 -1.92
GLENDALE_27_KV_LOAD 356172	68.78 5.19 -7.21	65.87 4.94 -4.77	62.96 4.76 -2.17	62.02 4.77 -1.16	61.54 4.66 -0.79	64.75 4.83 -3.76	67.01 5.06 -5.67	64.16 5.12 -2.77	68.80 5.32 -7.44	68.06 5.74 -5.44	92.57 5.60 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.51 5.89 -37.98	112.22 6.01 -49.52	123.74 6.80 -54.00	147.55 9.94 -48.87	147.01 11.73 -30.55	144.85 10.82 -37.42	130.69 8.73 -43.32	128.55 6.47 -62.22	118.02 6.60 -51.43	112.31 6.78 -42.75
GLENWOOD_IC_1_G5 23712	69.30 5.41 -7.50	66.04 5.11 -4.77	67.01 5.04 -5.93	62.12 4.88 -1.15	61.81 4.94 -0.79	65.73 5.11 -4.46	71.94 5.35 -10.32	73.88 5.46 -12.15	77.50 5.66 -15.80	77.05 6.03 -14.14	92.79 5.82 -30.44	94.19 5.94 -31.67	93.83 6.06 -31.13	99.21 6.23 -36.34	114.01 6.23 -51.14	131.06 6.41 -67.96	146.39 7.30 -76.15	153.88 10.56 -54.58	153.92 12.46 -36.73	153.19 11.50 -45.08	149.98 9.44 -61.91	149.32 7.01 -82.45	142.31 7.02 -75.29	123.76 7.03 -53.96
GLENWOOD_IC_2_G1 23688	69.18 5.30 -7.50	65.99 5.06 -4.77	66.84 4.87 -5.93	62.07 4.82 -1.15	61.70 4.82 -0.79	65.61 5.00 -4.46	71.83 5.23 -10.32	73.71 5.29 -12.15	77.39 5.55 -15.80	76.93 5.91 -14.14	92.67 5.71 -30.44	94.02 5.77 -31.67	93.71 5.95 -31.13	99.04 6.06 -36.34	113.84 6.06 -51.14	130.89 6.24 -67.96	146.20 7.11 -76.15	153.52 10.20 -54.58	153.50 12.04 -36.74	152.80 11.11 -45.08	149.66 9.12 -61.91	149.08 6.76 -82.45	142.13 6.84 -75.29	123.64 6.91 -53.96
GLENWOOD_IC_3_G1 23689	69.18 5.30 -7.50	65.99 5.06 -4.77	66.84 4.87 -5.93	62.07 4.82 -1.15	61.70 4.82 -0.79	65.61 5.00 -4.46	71.83 5.23 -10.32	73.71 5.29 -12.15	77.39 5.55 -15.80	76.93 5.91 -14.14	92.67 5.71 -30.44	94.02 5.77 -31.67	93.71 5.95 -31.13	99.04 6.06 -36.34	113.84 6.06 -51.14	130.89 6.24 -67.96	146.20 7.11 -76.15	153.52 10.20 -54.58	153.50 12.04 -36.74	152.80 11.11 -45.08	149.66 9.12 -61.91	149.08 6.76 -82.45	142.13 6.84 -75.29	123.64 6.91 -53.96
GLENWOOD___4 23550	69.30 5.41 -7.50	66.04 5.11 -4.77	67.01 5.04 -5.93	62.12 4.88 -1.15	61.81 4.94 -0.79	65.73 5.11 -4.46	71.94 5.35 -10.32	73.88 5.46 -12.15	77.50 5.66 -15.80	77.05 6.03 -14.14	92.79 5.82 -30.44	94.19 5.94 -31.67	93.83 6.06 -31.13	99.21 6.23 -36.34	114.01 6.23 -51.14	131.06 6.41 -67.96	146.39 7.30 -76.15	153.88 10.56 -54.58	153.92 12.46 -36.73	153.19 11.50 -45.08	149.98 9.44 -61.91	149.32 7.01 -82.45	142.31 7.02 -75.29	123.76 7.03 -53.96
GLENWOOD___5 23614	69.30 5.41 -7.50	66.04 5.11 -4.77	67.01 5.04 -5.93	62.12 4.88 -1.15	61.81 4.94 -0.79	65.73 5.11 -4.46	71.94 5.35 -10.32	73.88 5.46 -12.15	77.50 5.66 -15.80	77.05 6.03 -14.14	92.79 5.82 -30.44	94.19 5.94 -31.67	93.83 6.06 -31.13	99.21 6.23 -36.34	114.01 6.23 -51.14	131.06 6.41 -67.96	146.39 7.30 -76.15	153.88 10.56 -54.58	153.92 12.46 -36.73	153.19 11.50 -45.08	149.98 9.44 -61.91	149.32 7.01 -82.45	142.31 7.02 -75.29	123.76 7.03 -53.96
GLOBAL GREEN_PORT_GT1 23814	72.12 8.23 -7.50	68.79 7.86 -4.77	69.75 7.79 -5.93	64.93 7.68 -1.15	64.62 7.74 -0.79	68.59 7.97 -4.46	74.81 8.22 -10.32	76.52 8.11 -12.15	80.02 8.18 -15.80	79.77 8.76 -14.14	95.28 8.31 -30.44	96.51 8.26 -31.67	96.21 8.44 -31.13	101.58 8.61 -36.34	116.33 8.55 -51.14	133.33 8.67 -67.96	149.28 10.19 -76.15	158.14 14.82 -54.58	158.95 17.49 -36.73	157.83 16.13 -45.08	153.60 13.06 -61.91	152.32 10.00 -82.45	145.19 9.90 -75.29	126.84 10.11 -53.96
GLOBE___DSASP 323697	52.44 -5.02 -1.07	50.86 -6.01 -0.71	50.30 -6.05 -0.32	50.32 -5.95 -0.17	50.37 -5.83 -0.12	51.16 -5.56 -0.56	51.66 -5.46 -0.84	51.28 -5.40 -0.41	50.92 -6.22 -1.11	52.17 -5.52 -0.81	54.62 -6.44 -4.54	54.80 -6.51 -4.72	54.88 -6.40 -4.64	55.71 -6.34 -5.42	55.88 -6.40 -5.65	56.41 -6.41 -6.13	63.96 -6.36 -7.38	86.61 -9.41 -7.28	97.34 -11.94 -4.55	91.56 -10.63 -5.57	77.07 -8.02 -6.45	63.03 -5.81 -8.97	62.23 -5.40 -7.63	64.69 -4.46 -6.37
GOETHSLN___LBMP 323567	67.98 4.40 -7.20	65.07 4.16 -4.76	62.23 4.03 -2.16	61.28 4.04 -1.15	60.80 3.93 -0.79	63.95 4.04 -3.75	66.27 4.33 -5.67	63.43 4.39 -2.77	68.12 4.65 -7.44	67.32 5.01 -5.44	91.78 4.80 -30.45	93.31 5.04 -31.69	92.89 5.10 -31.16	98.22 5.21 -36.37	99.81 5.21 -37.96	110.12 5.39 -48.04	122.26 6.10 -53.21	146.30 8.70 -48.86	145.43 10.16 -30.55	143.40 9.37 -37.41	129.74 7.79 -43.32	127.56 5.81 -61.88	117.27 5.88 -51.39	111.35 5.84 -42.74
GOLAH___69_KV_TB 1_2 80279	55.46 -1.80 -0.88	54.16 -2.58 -0.58	53.61 -2.69 -0.26	53.65 -2.58 -0.14	53.78 -2.41 -0.10	54.31 -2.30 -0.46	54.88 -2.08 -0.69	54.59 -2.03 -0.34	54.54 -2.41 -0.91	55.83 -1.71 -0.66	58.16 -2.09 -3.73	58.42 -2.04 -3.88	58.41 -2.04 -3.81	58.99 -2.10 -4.45	59.18 -2.10 -4.64	59.57 -2.15 -5.03	67.24 -1.76 -6.06	92.23 -2.48 -5.98	105.00 -3.46 -3.74	98.39 -2.80 -4.58	81.97 -1.97 -5.30	65.80 -1.44 -7.36	64.88 -1.38 -6.26	67.19 -0.82 -5.23
GOODYEAR_LAKE_HYD 323669	61.49 2.82 -2.29	60.31 2.64 -1.51	59.29 2.58 -0.69	59.09 2.64 -0.37	59.03 2.69 -0.25	60.10 2.75 -1.19	60.89 2.81 -1.80	60.02 2.87 -0.88	61.37 2.97 -2.36	61.96 3.36 -1.72	69.58 3.39 -9.67	70.15 3.51 -10.06	70.04 3.51 -9.89	71.81 3.62 -11.55	72.35 3.68 -12.03	73.55 3.80 -13.06	83.20 4.53 -15.73	110.65 6.39 -15.52	121.86 7.44 -9.70	115.35 6.86 -11.88	98.06 5.66 -13.75	83.30 4.31 -19.11	80.45 4.20 -16.26	80.81 4.46 -13.58

GOUDEY_115_KV_TB6_REV_LBMP_C 345031	59.00 0.28 -2.33	57.64 -0.06 -1.54	56.62 -0.11 -0.70	56.41 -0.06 -0.37	56.35 0.00 -0.26	57.54 0.17 -1.22	58.39 0.28 -1.84	57.51 0.34 -0.90	58.61 0.17 -2.41	59.20 0.57 -1.76	66.79 0.40 -9.87	67.30 0.45 -10.27	67.24 0.51 -10.10	68.93 0.51 -11.79	69.43 0.51 -12.28	70.64 0.62 -13.33	80.13 1.13 -16.06	106.26 1.69 -15.84	116.51 1.89 -9.90	110.47 1.74 -12.12	94.25 1.57 -14.04	80.46 1.08 -19.51	77.67 1.08 -16.59	77.89 1.26 -13.86
GOUDEY___7 23579	59.06 0.34 -2.33	57.70 0.00 -1.54	56.68 -0.06 -0.70	56.41 -0.06 -0.37	56.40 0.06 -0.26	57.54 0.17 -1.22	58.45 0.34 -1.84	57.56 0.39 -0.90	58.67 0.22 -2.41	59.26 0.63 -1.76	66.85 0.45 -9.87	67.36 0.51 -10.27	67.30 0.57 -10.10	68.99 0.57 -11.79	69.49 0.57 -12.28	70.70 0.68 -13.33	80.19 1.20 -16.06	106.35 1.77 -15.84	116.61 1.99 -9.90	110.67 1.93 -12.12	94.33 1.65 -14.04	80.52 1.14 -19.51	77.73 1.14 -16.59	77.95 1.32 -13.86
GOUDEY___8 23580	59.00 0.28 -2.33	57.64 -0.06 -1.54	56.62 -0.11 -0.70	56.41 -0.06 -0.37	56.35 0.00 -0.26	57.54 0.17 -1.22	58.39 0.28 -1.84	57.51 0.34 -0.90	58.61 0.17 -2.41	59.20 0.57 -1.76	66.79 0.40 -9.87	67.30 0.45 -10.27	67.24 0.51 -10.10	68.93 0.51 -11.79	69.43 0.51 -12.28	70.64 0.62 -13.33	80.13 1.13 -16.06	106.26 1.69 -15.84	116.51 1.89 -9.90	110.47 1.74 -12.12	94.25 1.57 -14.04	80.46 1.08 -19.51	77.67 1.08 -16.59	77.89 1.26 -13.86
GOWANUS_GT1_1 24077	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.08 4.82 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	67.94 5.63 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.67 6.73 -54.00	147.81 10.21 -48.87	147.22 11.94 -30.55	145.05 11.01 -37.42	130.77 8.81 -43.32	128.55 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75
GOWANUS_GT1_2 24078	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.08 4.82 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	67.94 5.63 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.67 6.73 -54.00	147.81 10.21 -48.87	147.22 11.94 -30.55	145.05 11.01 -37.42	130.77 8.81 -43.32	128.55 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75
GOWANUS_GT1_3 24079	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.08 4.82 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	67.94 5.63 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.67 6.73 -54.00	147.81 10.21 -48.87	147.22 11.94 -30.55	145.05 11.01 -37.42	130.77 8.81 -43.32	128.55 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75
GOWANUS_GT1_4 24080	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.08 4.82 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	67.94 5.63 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.67 6.73 -54.00	147.81 10.21 -48.87	147.22 11.94 -30.55	145.05 11.01 -37.42	130.77 8.81 -43.32	128.55 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75
GOWANUS_GT1_5 24084	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.08 4.82 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	67.94 5.63 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.67 6.73 -54.00	147.81 10.21 -48.87	147.22 11.94 -30.55	145.05 11.01 -37.42	130.77 8.81 -43.32	128.55 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75
GOWANUS_GT1_6 24111	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.08 4.82 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	67.94 5.63 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.67 6.73 -54.00	147.81 10.21 -48.87	147.22 11.94 -30.55	145.05 11.01 -37.42	130.77 8.81 -43.32	128.55 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75
GOWANUS_GT1_7 24112	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.08 4.82 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	67.94 5.63 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.67 6.73 -54.00	147.81 10.21 -48.87	147.22 11.94 -30.55	145.05 11.01 -37.42	130.77 8.81 -43.32	128.55 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75
GOWANUS_GT1_8 24113	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.08 4.82 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	67.94 5.63 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.67 6.73 -54.00	147.81 10.21 -48.87	147.22 11.94 -30.55	145.05 11.01 -37.42	130.77 8.81 -43.32	128.55 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75
GOWANUS_GT2_1 24114	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.13 4.88 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	68.00 5.69 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.68 6.74 -54.00	147.81 10.20 -48.87	147.21 11.93 -30.56	145.04 11.01 -37.42	130.77 8.81 -43.32	128.56 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75
GOWANUS_GT2_2 24115	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.13 4.88 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	68.00 5.69 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.68 6.74 -54.00	147.81 10.20 -48.87	147.21 11.93 -30.56	145.04 11.01 -37.42	130.77 8.81 -43.32	128.56 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75
GOWANUS_GT2_3 24116	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.13 4.88 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	68.00 5.69 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.68 6.74 -54.00	147.81 10.20 -48.87	147.21 11.93 -30.56	145.04 11.01 -37.42	130.77 8.81 -43.32	128.56 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75
GOWANUS_GT2_4 24117	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.13 4.88 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	68.00 5.69 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.68 6.74 -54.00	147.81 10.20 -48.87	147.21 11.93 -30.56	145.04 11.01 -37.42	130.77 8.81 -43.32	128.56 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75

GOWANUS_GT2_5 24118	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.13 4.88 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	68.00 5.69 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.68 6.74 -54.00	147.81 10.20 -48.87	147.21 11.93 -30.56	145.04 11.01 -37.42	130.77 8.81 -43.32	128.56 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75
GOWANUS_GT2_6 24119	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.13 4.88 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	68.00 5.69 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.68 6.74 -54.00	147.81 10.20 -48.87	147.21 11.93 -30.56	145.04 11.01 -37.42	130.77 8.81 -43.32	128.56 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75
GOWANUS_GT2_7 24120	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.13 4.88 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	68.00 5.69 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.68 6.74 -54.00	147.81 10.20 -48.87	147.21 11.93 -30.56	145.04 11.01 -37.42	130.77 8.81 -43.32	128.56 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75
GOWANUS_GT2_8 24121	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.13 4.88 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	68.00 5.69 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.68 6.74 -54.00	147.81 10.20 -48.87	147.21 11.93 -30.56	145.04 11.01 -37.42	130.77 8.81 -43.32	128.56 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75
GOWANUS_GT3_1 24122	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.13 4.88 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	68.00 5.69 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.68 6.74 -54.00	147.81 10.20 -48.87	147.21 11.93 -30.56	145.04 11.01 -37.42	130.77 8.81 -43.32	128.56 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75
GOWANUS_GT3_2 24123	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.13 4.88 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	68.00 5.69 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.68 6.74 -54.00	147.81 10.20 -48.87	147.21 11.93 -30.56	145.04 11.01 -37.42	130.77 8.81 -43.32	128.56 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75
GOWANUS_GT3_3 24124	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.13 4.88 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	68.00 5.69 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.68 6.74 -54.00	147.81 10.20 -48.87	147.21 11.93 -30.56	145.04				

GOWANUS_GT4_4 24133	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.08 4.82 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	67.94 5.63 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.67 6.73 -54.00	147.81 10.21 -48.87	147.22 11.94 -30.55	145.05 11.01 -37.42	130.77 8.81 -43.32	128.55 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75
GOWANUS_GT4_5 24134	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.08 4.82 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	67.94 5.63 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.67 6.73 -54.00	147.81 10.21 -48.87	147.22 11.94 -30.55	145.05 11.01 -37.42	130.77 8.81 -43.32	128.55 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75
GOWANUS_GT4_6 24135	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.08 4.82 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	67.94 5.63 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.67 6.73 -54.00	147.81 10.21 -48.87	147.22 11.94 -30.55	145.05 11.01 -37.42	130.77 8.81 -43.32	128.55 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75
GOWANUS_GT4_7 24136	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.08 4.82 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	67.94 5.63 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.67 6.73 -54.00	147.81 10.21 -48.87	147.22 11.94 -30.55	145.05 11.01 -37.42	130.77 8.81 -43.32	128.55 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75
GOWANUS_GT4_8 24137	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.08 4.82 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	67.94 5.63 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.67 6.73 -54.00	147.81 10.21 -48.87	147.22 11.94 -30.55	145.05 11.01 -37.42	130.77 8.81 -43.32	128.55 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75
GREENBSH_115KV_TB3 55895	67.51 2.26 -8.88	64.33 2.30 -5.87	60.99 2.30 -2.67	59.76 2.24 -1.42	59.36 2.30 -0.97	63.14 2.36 -4.63	65.57 2.31 -6.99	61.99 2.31 -3.41	67.45 2.24 -9.17	65.90 2.33 -6.69	96.33 2.26 -37.55	97.84 2.21 -39.06	97.24 2.21 -38.39	103.55 2.10 -44.82	105.39 2.04 -46.71	109.14 1.76 -50.69	125.95 1.95 -61.06	151.63 2.66 -60.22	145.41 3.04 -37.65	145.62 2.90 -46.10	134.39 2.36 -53.39	135.92 1.86 -74.19	125.02 1.92 -63.10	117.79 2.32 -52.69
GREENDGE_115KV_TB5 80291	57.98 0.17 -1.42	56.71 -0.39 -0.94	56.01 -0.45 -0.43	55.81 -0.50 -0.23	55.91 -0.34 -0.16	56.79 -0.11 -0.74	57.51 0.11 -1.12	56.99 0.17 -0.55	57.34 -0.17 -1.47	58.40 0.46 -1.07	62.77 0.23 -6.03	63.08 0.23 -6.27	63.08 0.28 -6.16	64.11 0.28 -7.19	64.47 0.34 -7.50	65.34 0.51 -8.14	73.93 1.20 -9.80	100.36 1.95 -9.67	113.28 2.51 -6.04	106.14 2.13 -7.40	89.02 1.81 -8.57	72.92 1.14 -11.91	71.21 1.08 -10.13	72.62 1.38 -8.46
GREENIDGE___3 23582	57.98 0.17 -1.42	56.71 -0.39 -0.94	56.01 -0.45 -0.43	55.81 -0.50 -0.23	55.91 -0.34 -0.16	56.79 -0.11 -0.74	57.51 0.11 -1.12	56.99 0.17 -0.55	57.34 -0.17 -1.47	58.40 0.46 -1.07	62.77 0.23 -6.03	63.08 0.23 -6.27	63.08 0.28 -6.16	64.11 0.28 -7.19	64.47 0.34 -7.50	65.34 0.51 -8.14	73.93 1.20 -9.80	100.36 1.95 -9.67	113.28 2.51 -6.04	106.14 2.13 -7.40	89.02 1.81 -8.57	72.92 1.14 -11.91	71.21 1.08 -10.13	72.62 1.38 -8.46
GREENIDGE___4 23583	57.98 0.17 -1.42	56.82 -0.28 -0.94	56.01 -0.45 -0.43	55.87 -0.45 -0.23	55.91 -0.33 -0.16	56.79 -0.11 -0.74	57.51 0.11 -1.12	56.99 0.17 -0.55	57.34 -0.17 -1.47	58.46 0.51 -1.07	62.77 0.23 -6.03	63.08 0.23 -6.27	63.08 0.28 -6.16	64.12 0.28 -7.19	64.48 0.34 -7.50	65.34 0.51 -8.14	73.93 1.19 -9.80	100.36 1.95 -9.67	113.28 2.51 -6.04	106.14 2.12 -7.40	89.02 1.81 -8.57	72.92 1.13 -11.91	71.21 1.08 -10.13	72.61 1.38 -8.46
GREENLWN_69_KV_BK 3 55738	69.18 5.30 -7.50	65.93 5.00 -4.77	66.90 4.93 -5.93	61.96 4.71 -1.15	61.70 4.82 -0.79	65.61 5.00 -4.46	71.83 5.23 -10.32	73.77 5.35 -12.15	77.39 5.55 -15.80	76.88 5.86 -14.14	92.62 5.65 -30.44	93.97 5.71 -31.67	93.66 5.89 -31.13	99.04 6.06 -36.34	113.84 6.06 -51.14	130.89 6.24 -67.96	145.95 6.86 -76.15	152.81 9.50 -54.58	152.66 11.21 -36.73	152.03 10.34 -45.08	149.12 8.57 -61.91	148.72 6.41 -82.45	142.01 6.72 -75.29	123.58 6.84 -53.96
GREENWD_138_KV_38B11_REV_LBMP_J 345004	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.08 4.82 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	67.94 5.63 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.67 6.73 -54.00	147.81 10.21 -48.87	147.22 11.94 -30.55	145.05 11.01 -37.42	130.77 8.81 -43.32	128.55 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75
GRISSOM___SOLAR 323813	72.99 6.54 -10.07	69.05 6.23 -6.66	65.22 6.16 -3.03	63.93 6.23 -1.61	63.36 6.17 -1.10	67.81 6.40 -5.25	70.67 6.47 -7.93	66.73 6.58 -3.87	73.22 6.78 -10.41	71.24 6.76 -7.60	104.95 5.82 -42.61	107.18 6.28 -44.32	106.33 6.12 -43.57	113.62 6.12 -50.86	116.16 6.51 -53.01	121.13 6.91 -57.52	140.41 8.18 -69.30	168.80 11.71 -68.34	161.06 13.61 -42.72	161.97 13.04 -52.32	149.60 10.38 -60.59	153.11 9.04 -84.19	140.30 8.70 -71.61	131.74 9.17 -59.80
GROVEVILLE___HYD 323602	68.16 4.57 -7.21	65.19 4.27 -4.77	62.34 4.15 -2.17	61.40 4.15 -1.16	60.92 4.04 -0.79	64.07 4.16 -3.76	66.23 4.28 -5.68	63.27 4.22 -2.77	67.97 4.48 -7.45	66.92 4.61 -5.44	91.61 4.58 -30.51	93.07 4.75 -31.74	92.59 4.76 -31.20	97.93 4.87 -36.42	99.52 4.93 -37.96	102.98 5.10 -41.19	118.41 5.85 -49.62	146.38 8.70 -48.94	145.79 10.47 -30.59	143.74 9.66 -37.47	129.73 7.71 -43.38	125.91 5.75 -60.29	116.97 5.70 -51.28	111.37 5.78 -42.82
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	56.90 -0.23 -0.74	56.14 -0.51 -0.49	55.75 -0.50 -0.22	55.65 -0.56 -0.12	55.67 -0.50 -0.08	56.09 -0.45 -0.39	56.46 -0.39 -0.58	56.22 -0.34 -0.28	56.46 -0.34 -0.76	57.38 -0.06 -0.56	59.59 -0.06 -3.12	59.83 0.00 -3.25	59.89 0.06 -3.20	60.42 0.06 -3.73	60.58 0.06 -3.89	61.02 0.11 -4.22	68.46 0.44 -5.08	94.37 0.62 -5.01	108.69 0.84 -3.13	101.12 0.68 -3.84	83.71 0.63 -4.44	66.41 0.36 -6.17	65.55 0.30 -5.25	67.54 0.38 -4.38
HAMLTNNY_34_KV_TB 80303	56.94 -0.23 -0.78	56.17 -0.51 -0.52	55.71 -0.56 -0.24	55.66 -0.56 -0.13	55.67 -0.50 -0.09	56.12 -0.45 -0.41	56.55 -0.34 -0.62	56.24 -0.34 -0.30	56.45 -0.39 -0.81	57.47 0.00 -0.59	59.78 -0.06 -3.32	60.03 0.00 -3.45	60.03 0.00 -3.40	60.66 0.06 -3.96	60.82 0.06 -4.13	61.34 0.17 -4.48	68.78 0.44 -5.40	94.78 0.71 -5.33	109.00 0.94 -3.33	101.46 0.77 -4.08	83.99 0.63 -4.72	66.79 0.36 -6.56	65.88 0.30 -5.58	67.88 0.44 -4.66

HAMPSHIRE___PAPER_HYD 323593	54.64 -1.92 -0.17	54.47 -1.80 -0.11	54.40 -1.68 -0.05	54.38 -1.74 -0.03	54.43 -1.68 -0.02	54.39 -1.85 -0.09	54.49 -1.91 -0.14	54.54 -1.80 -0.07	54.59 -1.63 -0.18	55.41 -1.59 -0.13	56.06 -1.19 -0.73	56.04 -1.30 -0.76	56.02 -1.36 -0.75	56.31 -1.19 -0.87	56.41 -1.13 -0.91	56.54 -1.13 -0.98	62.17 -1.95 -1.19	87.33 -2.58 -1.17	102.41 -3.04 -0.73	94.51 -3.00 -0.90	77.16 -2.52 -1.04	59.39 -1.92 -1.44	59.18 -2.04 -1.23	61.41 -2.39 -1.02
HARDSCRABBLE_WT_PWR 323673	56.33 -0.06 0.00	56.16 0.00 0.00	56.09 0.06 0.00	56.26 0.17 0.00	56.43 0.34 0.00	56.50 0.34 0.00	56.61 0.34 0.00	56.72 0.45 0.00	56.54 0.50 0.00	57.44 0.57 0.00	57.14 0.62 0.00	57.15 0.57 0.00	57.09 0.45 0.00	57.04 0.40 0.00	56.92 0.28 0.00	56.98 0.28 0.00	63.25 0.32 0.00	89.19 0.45 0.00	105.14 0.42 0.00	97.10 0.49 0.00	79.11 0.47 0.00	60.35 0.48 0.00	60.54 0.54 0.00	63.40 0.63 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	67.00 3.83 -6.78	64.24 3.59 -4.49	61.54 3.47 -2.04	60.66 3.48 -1.09	60.25 3.42 -0.74	63.29 3.59 -3.54	65.33 3.71 -5.34	62.65 3.77 -2.61	66.97 3.92 -7.01	66.14 4.15 -5.12	89.34 4.13 -28.70	90.73 4.30 -29.85	90.34 4.36 -29.34	95.31 4.42 -34.25	96.76 4.42 -35.70	100.03 4.54 -38.80	114.86 5.22 -46.70	142.49 7.72 -46.03	142.61 9.11 -28.77	140.26 8.41 -35.24	126.28 6.84 -40.80	121.68 5.03 -56.77	113.35 5.10 -48.25	108.20 5.15 -40.27
HARSNRAD_115KV_TB1 81005	53.49 -3.95 -1.06	51.86 -5.00 -0.70	51.31 -5.04 -0.32	51.32 -4.94 -0.17	51.44 -4.77 -0.12	52.16 -4.55 -0.55	52.72 -4.39 -0.83	52.40 -4.28 -0.41	52.03 -5.10 -1.09	53.35 -4.32 -0.80	55.80 -5.20 -4.48	56.03 -5.21 -4.66	56.12 -5.10 -4.58	56.94 -5.04 -5.34	57.11 -5.10 -5.57	57.63 -5.10 -6.04	65.37 -4.85 -7.28	88.82 -7.10 -7.18	100.00 -9.22 -4.49	93.99 -8.12 -5.50	79.03 -5.98 -6.36	64.35 -4.37 -8.84	63.50 -4.02 -7.52	65.86 -3.20 -6.28
HARZA MOOSE___RIVER 24016	57.30 0.68 -0.24	56.93 0.62 -0.16	56.72 0.62 -0.07	56.75 0.62 -0.04	56.79 0.67 -0.03	57.01 0.73 -0.12	57.19 0.73 -0.19	57.10 0.73 -0.09	57.18 0.90 -0.25	58.36 1.31 -0.18	59.17 1.64 -1.01	59.16 1.53 -1.05	59.20 1.53 -1.03	59.59 1.76 -1.20	59.70 1.81 -1.25	59.92 1.87 -1.36	66.72 2.14 -1.64	93.29 2.93 -1.62	109.08 3.35 -1.01	100.94 3.09 -1.24	82.59 2.52 -1.43	63.66 1.80 -1.99	63.19 1.50 -1.69	65.82 1.63 -1.41
HDSNBRDG_115KV_BRDG_TB1 355580	56.49 -0.56 -0.67	55.76 -0.84 -0.44	55.33 -0.90 -0.20	55.30 -0.90 -0.11	55.32 -0.84 -0.07	55.72 -0.79 -0.35	56.07 -0.73 -0.53	55.85 -0.68 -0.26	56.00 -0.73 -0.69	56.98 -0.40 -0.51	58.90 -0.45 -2.83	59.08 -0.45 -2.95	59.14 -0.40 -2.90	59.68 -0.34 -3.38	59.82 -0.34 -3.53	60.23 -0.28 -3.83	67.48 -0.06 -4.61	93.20 -0.09 -4.55	107.57 0.00 -2.84	100.00 -0.10 -3.48	82.67 0.00 -4.03	65.35 -0.12 -5.60	64.64 -0.12 -4.76	66.69 -0.06 -3.98
HELLGATE_13_KV_LD 55870	68.67 5.07 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	61.85 4.60 -1.16	61.43 4.54 -0.79	64.64 4.72 -3.76	66.90 4.95 -5.67	63.99 4.95 -2.77	68.63 5.16 -7.44	67.83 5.52 -5.44	92.35 5.37 -30.46	93.82 5.54 -31.70	93.46 5.66 -31.16	98.73 5.72 -36.38	100.28 5.66 -37.98	112.00 5.78 -49.52	123.49 6.55 -54.00	147.10 9.50 -48.87	146.48 11.21 -30.55	144.37 10.34 -37.42	130.38 8.41 -43.32	128.26 6.17 -62.22	117.78 6.36 -51.43	111.99 6.47 -42.75
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	68.67 5.07 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	61.85 4.60 -1.16	61.43 4.54 -0.79	64.64 4.72 -3.76	66.90 4.95 -5.67	63.99 4.95 -2.77	68.63 5.16 -7.44	67.83 5.52 -5.44	92.35 5.37 -30.46	93.82 5.54 -31.70	93.46 5.66 -31.16	98.73 5.72 -36.38	100.28 5.66 -37.98	112.00 5.78 -49.52	123.49 6.55 -54.00	147.10 9.50 -48.87	146.48 11.21 -30.55	144.37 10.34 -37.42	130.38 8.41 -43.32	128.26 6.17 -62.22	117.78 6.36 -51.43	111.99 6.47 -42.75
HEMPSTEAD____ 23647	69.13 5.24 -7.50	65.93 5.00 -4.77	66.78 4.82 -5.93	62.01 4.77 -1.15	61.59 4.71 -0.79	65.56 4.94 -4.46	71.77 5.17 -10.32	73.65 5.23 -12.15	77.33 5.49 -15.80	76.82 5.80 -14.14	92.56 5.60 -30.44	93.91 5.66 -31.67	93.60 5.83 -31.13	98.98 6.00 -36.34	113.72 5.95 -51.14	130.78 6.12 -67.96	146.14 7.05 -76.15	153.43 10.11 -54.58	153.39 11.93 -36.74	152.70 11.01 -45.08	149.59 9.04 -61.91	149.08 6.76 -82.45	142.07 6.78 -75.29	123.58 6.84 -53.96
HEWLETT__69_KV_BK3 55828	69.47 5.58 -7.50	66.21 5.28 -4.77	67.12 5.15 -5.93	62.24 4.99 -1.15	61.93 5.05 -0.79	65.84 5.22 -4.46	72.06 5.46 -10.32	73.99 5.57 -12.15	77.67 5.83 -15.80	77.22 6.20 -14.14	92.96 5.99 -30.44	94.36 6.11 -31.67	94.06 6.29 -31.13	99.43 6.46 -36.34	114.18 6.40 -51.14	131.23 6.58 -67.96	146.64 7.55 -76.15	154.23 10.92 -54.58	154.34 12.88 -36.73	153.58 11.88 -45.08	150.30 9.75 -61.91	149.56 7.24 -82.45	142.49 7.20 -75.29	124.02 7.28 -53.96
HICKLING___1 23621	58.05 -0.17 -1.83	56.58 -0.79 -1.21	55.74 -0.84 -0.55	55.54 -0.84 -0.29	55.62 -0.67 -0.20	56.72 -0.39 -0.96	57.60 -0.11 -1.44	56.81 -0.17 -0.71	57.43 -0.50 -1.90	58.37 0.11 -1.38	64.05 -0.23 -7.76	64.48 -0.17 -8.07	64.46 -0.11 -7.93	65.84 -0.06 -9.26	66.18 -0.11 -9.65	67.22 0.06 -10.47	76.31 0.76 -12.62	102.52 1.33 -12.44	113.97 1.47 -7.78	107.49 1.35 -9.53	90.93 1.26 -11.03	76.04 0.84 -15.33	73.88 0.84 -13.04	74.86 1.19 -10.89
HICKLING___2 23622	58.05 -0.17 -1.83	56.58 -0.79 -1.21	55.74 -0.84 -0.55	55.54 -0.84 -0.29	55.62 -0.67 -0.20	56.72 -0.39 -0.96	57.60 -0.11 -1.44	56.81 -0.17 -0.71	57.43 -0.50 -1.90	58.37 0.11 -1.38	64.05 -0.23 -7.76	64.48 -0.17 -8.07	64.46 -0.11 -7.93	65.84 -0.06 -9.26	66.18 -0.11 -9.65	67.22 0.06 -10.47	76.31 0.76 -12.62	102.52 1.33 -12.44	113.97 1.47 -7.78	107.49 1.35 -9.53	90.93 1.26 -11.03	76.04 0.84 -15.33	73.88 0.84 -13.04	74.86 1.19 -10.89
HIGH FALLS___HY 23754	68.00 4.45 -7.16	64.99 4.10 -4.74	62.16 3.98 -2.15	61.22 3.98 -1.15	60.80 3.93 -0.78	63.99 4.10 -3.74	66.07 4.16 -5.64	63.13 4.11 -2.75	67.75 4.31 -7.40	66.77 4.49 -5.40	91.34 4.52 -30.30	92.79 4.70 -31.52	92.32 4.70 -30.98	97.67 4.87 -36.17	99.37 5.04 -37.69	102.92 5.33 -40.90	118.44 6.23 -49.27	146.83 9.50 -48.60	146.41 11.31 -30.38	144.25 10.43 -37.20	130.13 8.41 -43.08	125.85 6.11 -59.87	116.97 6.06 -50.92	111.26 5.96 -42.52
HILLBURN___GT 23639	67.14 3.89 -6.87	64.35 3.65 -4.54	61.63 3.53 -2.06	60.73 3.54 -1.10	60.32 3.48 -0.75	63.39 3.65 -3.58	65.51 3.83 -5.41	62.79 3.88 -2.64	67.22 4.09 -7.10	66.44 4.38 -5.18	89.94 4.35 -29.07	91.35 4.53 -30.24	90.95 4.59 -29.73	95.98 4.65 -34.70	97.39 4.59 -36.17	100.71 4.70 -39.32	115.60 5.35 -47.31	143.26 7.90 -46.62	143.19 9.32 -29.15	140.90 8.60 -35.70	126.97 7.00 -41.33	122.55 5.15 -57.52	114.16 5.28 -48.88	108.90 5.33 -40.79
HILLSIDE_115KV_TB1 80332	57.44 -0.85 -1.90	56.01 -1.40 -1.26	55.14 -1.46 -0.57	54.99 -1.40 -0.30	55.01 -1.29 -0.21	56.14 -1.01 -0.99	56.98 -0.79 -1.50	56.22 -0.79 -0.73	56.93 -1.06 -1.96	57.74 -0.57 -1.43	63.66 -0.90 -8.04	64.10 -0.85 -8.37	64.07 -0.79 -8.22	65.44 -0.79 -9.60	65.79 -0.85 -10.01	66.87 -0.68 -10.86	75.89 -0.13 -13.08	101.64 0.00 -12.90	112.58 -0.21 -8.06	106.39 -0.10 -9.88	90.15 0.08 -11.44	75.70 -0.06 -15.89	73.51 0.00 -13.52	74.31 0.25 -11.29

HISHELDN_WT_PWR 323625	54.55 -3.10 -1.27	53.29 -3.71 -0.84	52.38 -4.03 -0.38	52.31 -3.98 -0.20	52.41 -3.82 -0.14	53.28 -3.54 -0.66	53.95 -3.32 -1.00	53.44 -3.32 -0.49	53.37 -3.98 -1.31	54.76 -3.07 -0.96	57.98 -3.90 -5.36	58.26 -3.90 -5.58	58.33 -3.79 -5.48	59.30 -3.74 -6.40	59.45 -3.85 -6.67	60.19 -3.74 -7.24	68.26 -3.40 -8.72	92.46 -4.88 -8.60	103.82 -6.28 -5.38	97.69 -5.50 -6.58	82.26 -4.01 -7.62	67.53 -2.93 -10.59	66.31 -2.70 -9.01	68.29 -2.01 -7.52
HOLTSVILLE_IC_1 23690	70.09 6.20 -7.50	66.88 5.95 -4.77	67.79 5.83 -5.93	62.97 5.72 -1.15	62.60 5.72 -0.79	66.57 5.95 -4.46	72.73 6.13 -10.32	74.61 6.19 -12.15	78.11 6.27 -15.80	77.67 6.65 -14.14	93.29 6.33 -30.44	94.47 6.22 -31.67	94.17 6.40 -31.13	99.60 6.62 -36.34	114.34 6.57 -51.14	131.34 6.69 -67.96	146.70 7.61 -76.15	154.23 10.91 -54.58	154.23 12.77 -36.73	153.57 11.88 -45.08	150.21 9.67 -61.91	149.62 7.30 -82.45	142.79 7.50 -75.29	124.33 7.59 -53.96
HOLTSVILLE_IC_10 23699	70.36 6.48 -7.50	67.16 6.23 -4.77	68.07 6.11 -5.93	63.25 6.00 -1.15	62.88 6.00 -0.79	66.79 6.18 -4.46	73.01 6.41 -10.32	74.89 6.47 -12.15	78.39 6.55 -15.80	77.96 6.94 -14.14	93.57 6.61 -30.44	94.75 6.50 -31.67	94.45 6.68 -31.13	99.89 6.91 -36.34	114.63 6.85 -51.14	131.62 6.97 -67.96	147.14 8.06 -76.15	154.85 11.53 -54.58	154.97 13.51 -36.73	154.25 12.55 -45.08	150.76 10.22 -61.91	150.04 7.73 -82.45	143.15 7.86 -75.29	124.71 7.97 -53.96
HOLTSVILLE_IC_2 23691	70.09 6.20 -7.50	66.88 5.95 -4.77	67.79 5.83 -5.93	62.97 5.72 -1.15	62.60 5.72 -0.79	66.57 5.95 -4.46	72.73 6.13 -10.32	74.61 6.19 -12.15	78.11 6.27 -15.80	77.67 6.65 -14.14	93.29 6.33 -30.44	94.47 6.22 -31.67	94.17 6.40 -31.13	99.60 6.62 -36.34	114.34 6.57 -51.14	131.34 6.69 -67.96	146.70 7.61 -76.15	154.23 10.91 -54.58	154.23 12.77 -36.73	153.57 11.88 -45.08	150.21 9.67 -61.91	149.62 7.30 -82.45	142.79 7.50 -75.29	124.33 7.59 -53.96
HOLTSVILLE_IC_3 23692	70.09 6.20 -7.50	66.88 5.95 -4.77	67.79 5.83 -5.93	62.97 5.72 -1.15	62.60 5.72 -0.79	66.57 5.95 -4.46	72.73 6.13 -10.32	74.61 6.19 -12.15	78.11 6.27 -15.80	77.67 6.65 -14.14	93.29 6.33 -30.44	94.47 6.22 -31.67	94.17 6.40 -31.13	99.60 6.62 -36.34	114.34 6.57 -51.14	131.34 6.69 -67.96	146.70 7.61 -76.15	154.23 10.91 -54.58	154.23 12.77 -36.73	153.57 11.88 -45.08	150.21 9.67 -61.91	149.62 7.30 -82.45	142.79 7.50 -75.29	124.33 7.59 -53.96
HOLTSVILLE_IC_4 23693	70.09 6.20 -7.50	66.88 5.95 -4.77	67.79 5.83 -5.93	62.97 5.72 -1.15	62.60 5.72 -0.79	66.57 5.95 -4.46	72.73 6.13 -10.32	74.61 6.19 -12.15	78.11 6.27 -15.80	77.67 6.65 -14.14	93.29 6.33 -30.44	94.47 6.22 -31.67	94.17 6.40 -31.13	99.60 6.62 -36.34	114.34 6.57 -51.14	131.34 6.69 -67.96	146.70 7.61 -76.15	154.23 10.91 -54.58	154.23 12.77 -36.73	153.57 11.88 -45.08	150.21 9.67 -61.91	149.62 7.30 -82.45	142.79 7.50 -75.29	124.33 7.59 -53.96
HOLTSVILLE_IC_5 23694	70.09 6.20 -7.50	66.88 5.95 -4.77	67.79 5.83 -5.93	62.97 5.72 -1.15	62.60 5.72 -0.79	66.57 5.95 -4.46	72.73 6.13 -10.32	74.61 6.19 -12.15	78.11 6.27 -15.80	77.67 6.65 -14.14	93.29 6.33 -30.44	94.47 6.22 -31.67	94.17 6.40 -31.13	99.60 6.62 -36.34	114.34 6.57 -51.14	131.34 6.69 -67.96	146.70 7.61 -76.15	154.23 10.91 -54.58	154.23 12.77 -36.73	153.57 11.88 -45.08	150.21 9.67 -61.91	149.62 7.30 -82.45	142.79 7.50 -75.29	124.33 7.59 -53.96
HOLTSVILLE_IC_6 23695	70.36 6.48 -7.50	67.16 6.23 -4.77	68.07 6.11 -5.93	63.25 6.00 -1.15	62.88 6.00 -0.79	66.79 6.18 -4.46	73.01 6.41 -10.32	74.89 6.47 -12.15	78.39 6.55 -15.80	77.96 6.94 -14.14	93.57 6.61 -30.44	94.75 6.50 -31.67	94.45 6.68 -31.13	99.89 6.91 -36.34	114.63 6.85 -51.14	131.62 6.97 -67.96	147.14 8.06 -76.15	154.85 11.53 -54.58	154.97 13.51 -36.73	154.25 12.55 -45.08	150.76 10.22 -61.91	150.04 7.73 -82.45	143.15 7.86 -75.29	124.71 7.97 -53.96
HOLTSVILLE_IC_7 23696	70.36 6.48 -7.50	67.16 6.23 -4.77	68.07 6.11 -5.93	63.25 6.00 -1.15	62.88 6.00 -0.79	66.79 6.18 -4.46	73.01 6.41 -10.32	74.89 6.47 -12.15	78.39 6.55 -15.80	77.96 6.94 -14.14	93.57 6.61 -30.44	94.75 6.50 -31.67	94.45 6.68 -31.13	99.89 6.91 -36.34	114.63 6.85 -51.14	131.62 6.97 -67.96	147.14 8.06 -76.15	154.85 11.53 -54.58	154.97 13.51 -36.73	154.25 12.55 -45.08	150.76 10.22 -61.91	150.04 7.73 -82.45	143.15 7.86 -75.29	124.71 7.97 -53.96
HOLTSVILLE_IC_8 23697	70.36 6.48 -7.50	67.16 6.23 -4.77	68.07 6.11 -5.93	63.25 6.00 -1.15	62.88 6.00 -0.79	66.79 6.18 -4.46	73.01 6.41 -10.32	74.89 6.47 -12.15	78.39 6.55 -15.80	77.96 6.94 -14.14	93.57 6.61 -30.44	94.75 6.50 -31.67	94.45 6.68 -31.13	99.89 6.91 -36.34	114.63 6.85 -51.14	131.62 6.97 -67.96	147.14 8.06 -76.15	154.85 11.53 -54.58	154.97 13.51 -36.73	154.25 12.55 -45.08	150.76 10.22 -61.91	150.04 7.73 -82.45	143.15 7.86 -75.29	124.71 7.97 -53.96
HOLTSVILLE_IC_9 23698	70.36 6.48 -7.50	67.16 6.23 -4.77	68.07 6.11 -5.93	63.25 6.00 -1.15	62.88 6.00 -0.79	66.79 6.18 -4.46	73.01 6.41 -10.32	74.89 6.47 -12.15	78.39 6.55 -15.80	77.96 6.94 -14.14	93.57 6.61 -30.44	94.75 6.50 -31.67	94.45 6.68 -31.13	99.89 6.91 -36.34	114.63 6.85 -51.14	131.62 6.97 -67.96	147.14 8.06 -76.15	154.85 11.53 -54.58	154.97 13.51 -36.73	154.25 12.55 -45.08	150.76 10.22 -61.91	150.04 7.73 -82.45	143.15 7.86 -75.29	124.71 7.97 -53.96
HOMER_HL_115KV_TB2 355744	53.40 -4.29 -1.30	51.85 -5.17 -0.86	51.21 -5.21 -0.39	51.20 -5.10 -0.21	51.35 -4.88 -0.14	52.34 -4.49 -0.68	53.25 -4.05 -1.02	52.66 -4.11 -0.50	52.67 -4.71 -1.34	53.93 -3.92 -0.98	57.39 -4.63 -5.50	57.78 -4.53 -5.73	57.85 -4.42 -5.63	58.73 -4.47 -6.57	58.78 -4.70 -6.85	59.59 -4.54 -7.43	67.80 -4.09 -8.95	92.25 -5.32 -8.83	103.12 -7.12 -5.52	97.19 -6.18 -6.76	81.91 -4.56 -7.83	67.28 -3.47 -10.88	65.83 -3.42 -9.25	67.61 -2.89 -7.73
HOWARD_WT_PWR 323690	56.76 -1.13 -1.50	55.52 -1.63 -0.99	54.58 -1.91 -0.45	54.48 -1.85 -0.24	54.57 -1.68 -0.16	55.54 -1.40 -0.78	56.39 -1.07 -1.18	55.78 -1.07 -0.58	56.08 -1.51 -1.55	57.27 -0.74 -1.13	61.52 -1.36 -6.36	61.84 -1.36 -6.62	61.95 -1.19 -6.51	62.98 -1.25 -7.59	63.25 -1.30 -7.91	64.20 -1.08 -8.59	72.97 -0.31 -10.35	98.77 -0.18 -10.20	110.89 -0.21 -6.38	104.33 -0.10 -7.81	87.84 0.16 -9.05	72.50 0.06 -12.57	70.81 0.12 -10.69	72.33 0.63 -8.93
HQ_GEN_CEDARS 23644	54.97 -1.41 0.00	55.09 -1.07 0.00	55.02 -1.01 0.00	55.03 -1.07 0.00	54.97 -1.12 0.00	54.86 -1.29 0.00	54.87 -1.41 0.00	54.92 -1.35 0.00	54.75 -1.29 0.00	55.28 -1.59 0.00	55.05 -1.47 0.00	55.05 -1.53 0.00	54.99 -1.64 0.00	55.05 -1.59 0.00	55.05 -1.59 0.00	54.99 -1.70 0.00	59.41 -3.52 0.00	83.86 -4.88 0.00	99.17 -5.55 0.00	91.39 -5.22 0.00	74.16 -4.48 0.00	56.94 -2.93 0.00	57.00 -3.00 0.00	59.20 -3.58 0.00
HQ_GEN_CEDARS_PROXY 323590	54.98 -1.41 0.00	54.97 -1.18 0.00	55.02 -1.01 0.00	55.02 -1.07 0.00	54.97 -1.12 0.00	54.87 -1.29 0.00	54.87 -1.40 0.00	54.92 -1.35 0.00	54.98 -1.29 0.00	54.99 -1.65 0.23	55.05 -1.47 0.00	55.06 -1.53 0.00	54.99 -1.64 0.00	55.05 -1.59 0.00	55.05 -1.59 0.00	54.99 -1.70 0.00	59.41 -3.52 0.00	83.86 -4.88 0.00	99.17 -5.55 0.00	91.39 -5.22 0.00	74.16 -4.48 0.00	56.94 -2.93 0.00	56.94 -3.06 0.00	59.20 -3.58 0.00

HQ_GEN_IMPORT 323601	55.37 -1.01 0.00	55.37 -0.79 0.00	55.36 -0.67 0.00	55.36 -0.73 0.00	55.36 -0.73 0.00	55.37 -0.79 0.00	55.37 -0.90 0.00	55.37 -0.90 0.00	55.37 -0.90 -0.23	55.39 -1.25 0.23	55.39 -1.13 0.00	55.39 -1.19 0.00	55.39 -1.25 0.00	55.39 -1.25 0.00	55.39 -1.25 0.00	55.39 -1.30 0.00	61.18 -1.76 0.00	86.35 -2.39 0.00	101.90 -2.82 0.00	94.01 -2.60 0.00	76.44 -2.20 0.00	58.26 -1.61 0.00	58.38 -1.62 0.00	61.02 -1.76 0.00
HQ_GEN_WHEEL 23651	55.37 -1.01 0.00	55.37 -0.79 0.00	55.36 -0.67 0.00	55.36 -0.73 0.00	55.36 -0.73 0.00	55.37 -0.79 0.00	55.37 -0.90 0.00	55.37 -0.90 0.00	55.37 -0.90 -0.23	55.39 -1.25 0.23	55.39 -1.13 0.00	55.39 -1.19 0.00	55.39 -1.25 0.00	55.39 -1.25 0.00	55.39 -1.25 0.00	55.39 -1.30 0.00	61.18 -1.76 0.00	86.35 -2.39 0.00	101.90 -2.82 0.00	94.01 -2.60 0.00	76.44 -2.20 0.00	58.26 -1.61 0.00	58.38 -1.62 0.00	61.02 -1.76 0.00
HUDSON AVE_GT_3 23810	68.32 4.74 -7.20	65.41 4.49 -4.76	62.56 4.37 -2.16	61.56 4.32 -1.15	61.14 4.26 -0.79	64.29 4.38 -3.75	66.61 4.67 -5.67	63.77 4.73 -2.77	68.46 4.99 -7.44	67.66 5.35 -5.44	92.12 5.14 -30.45	93.65 5.38 -31.69	93.23 5.44 -31.16	98.56 5.55 -36.37	100.15 5.55 -37.96	110.46 5.73 -48.04	122.70 6.55 -53.21	146.83 9.23 -48.86	146.16 10.89 -30.55	144.07 10.05 -37.41	130.21 8.26 -43.32	127.92 6.17 -61.88	117.63 6.24 -51.39	111.73 6.21 -42.74
HUDSON AVE_GT_4 23540	68.32 4.74 -7.20	65.41 4.49 -4.76	62.56 4.37 -2.16	61.56 4.32 -1.15	61.14 4.26 -0.79	64.29 4.38 -3.75	66.61 4.67 -5.67	63.77 4.73 -2.77	68.46 4.99 -7.44	67.66 5.35 -5.44	92.12 5.14 -30.45	93.65 5.38 -31.69	93.23 5.44 -31.16	98.56 5.55 -36.37	100.15 5.55 -37.96	110.46 5.73 -48.04	122.70 6.55 -53.21	146.83 9.23 -48.86	146.16 10.89 -30.55	144.07 10.05 -37.41	130.21 8.26 -43.32	127.92 6.17 -61.88	117.63 6.24 -51.39	111.73 6.21 -42.74
HUDSON AVE_GT_5 23657	68.32 4.74 -7.20	65.41 4.49 -4.76	62.56 4.37 -2.16	61.56 4.32 -1.15	61.14 4.26 -0.79	64.29 4.38 -3.75	66.61 4.67 -5.67	63.77 4.73 -2.77	68.46 4.99 -7.44	67.66 5.35 -5.44	92.12 5.14 -30.45	93.65 5.38 -31.69	93.23 5.44 -31.16	98.56 5.55 -36.37	100.15 5.55 -37.96	110.46 5.73 -48.04	122.70 6.55 -53.21	146.83 9.23 -48.86	146.16 10.89 -30.55	144.07 10.05 -37.41	130.21 8.26 -43.32	127.92 6.17 -61.88	117.63 6.24 -51.39	111.73 6.21 -42.74
HUDSON_AVE_10 24168	68.26 4.68 -7.20	65.30 4.38 -4.76	62.45 4.26 -2.16	61.45 4.21 -1.15	60.97 4.09 -0.79	64.18 4.27 -3.75	66.50 4.56 -5.67	63.71 4.67 -2.77	68.40 4.93 -7.44	67.54 5.23 -5.44	92.06 5.09 -30.45	93.53 5.26 -31.69	93.17 5.38 -31.16	98.44 5.44 -36.37	100.09 5.49 -37.96	110.46 5.73 -48.04	122.70 6.55 -53.21	146.83 9.23 -48.86	146.06 10.79 -30.55	143.98 9.95 -37.41	130.13 8.18 -43.32	127.98 6.23 -61.88	117.69 6.30 -51.39	111.60 6.09 -42.74
HUDSON___115KV_TB 4 355613	67.85 2.82 -8.65	64.85 2.98 -5.72	61.60 2.97 -2.60	60.45 2.97 -1.39	60.07 3.03 -0.95	63.76 3.09 -4.51	66.06 2.98 -6.81	62.52 2.93 -3.33	67.61 2.63 -8.94	65.96 2.56 -6.52	95.54 2.43 -36.59	97.08 2.43 -38.07	96.44 2.38 -37.42	102.58 2.27 -43.68	104.54 2.38 -45.53	108.25 2.15 -49.40	124.91 2.45 -59.51	150.54 3.11 -58.69	145.19 3.77 -36.69	145.02 3.48 -44.94	133.42 2.75 -52.03	134.45 2.28 -72.31	124.08 2.58 -61.50	117.08 2.95 -51.36
HUNTER MOUNT___DRP 323613	67.67 2.88 -8.41	64.64 2.92 -5.56	61.47 2.91 -2.53	60.35 2.92 -1.35	59.98 2.97 -0.92	63.57 3.03 -4.38	65.70 2.81 -6.62	62.21 2.70 -3.23	67.24 2.52 -8.69	65.55 2.33 -6.34	94.34 2.26 -35.56	95.83 2.26 -36.99	95.15 2.15 -36.36	101.12 2.04 -42.45	103.03 2.15 -44.24	106.62 1.93 -48.00	122.97 2.20 -57.83	148.26 2.48 -57.04	143.42 3.04 -35.66	143.18 2.90 -43.67	131.40 2.20 -50.56	131.99 1.86 -70.26	122.16 2.40 -59.76	115.51 2.82 -49.90
HUNTINGTON_RES_REC 323705	69.64 5.75 -7.50	66.44 5.51 -4.77	67.34 5.38 -5.93	62.52 5.27 -1.15	62.15 5.27 -0.79	66.06 5.45 -4.46	72.28 5.68 -10.32	74.16 5.74 -12.15	77.78 5.94 -15.80	77.28 6.26 -14.14	92.95 5.99 -30.44	94.25 5.99 -31.67	93.94 6.17 -31.13	99.38 6.40 -36.34	114.17 6.40 -51.14	131.22 6.57 -67.96	146.45 7.36 -76.15	153.70 10.38 -54.58	153.71 12.25 -36.73	152.99 11.30 -45.08	149.82 9.27 -61.91	149.26 6.94 -82.45	142.49 7.20 -75.29	124.01 7.28 -53.96
HUNTLEY___63 23557	53.64 -3.83 -1.09	51.99 -4.89 -0.72	51.43 -4.93 -0.33	51.44 -4.82 -0.18	51.55 -4.66 -0.12	52.29 -4.44 -0.57	52.91 -4.22 -0.86	52.53 -4.16 -0.42	52.18 -4.99 -1.13	53.55 -4.15 -0.83	56.12 -5.03 -4.63	56.36 -5.04 -4.82	56.50 -4.87 -4.73	57.35 -4.81 -5.53	57.47 -4.93 -5.76	58.07 -4.88 -6.25	65.81 -4.66 -7.53	89.33 -6.83 -7.43	100.57 -8.80 -4.64	94.57 -7.73 -5.69	79.56 -5.66 -6.58	64.89 -4.13 -9.15	64.00 -3.78 -7.78	66.39 -2.89 -6.50
HUNTLEY___64 23558	53.64 -3.83 -1.09	51.99 -4.89 -0.72	51.43 -4.93 -0.33	51.44 -4.82 -0.18	51.55 -4.66 -0.12	52.29 -4.44 -0.57	52.91 -4.22 -0.86	52.53 -4.16 -0.42	52.18 -4.99 -1.13	53.55 -4.15 -0.83	56.12 -5.03 -4.63	56.36 -5.04 -4.82	56.50 -4.87 -4.73	57.35 -4.81 -5.53	57.47 -4.93 -5.76	58.07 -4.88 -6.25	65.81 -4.66 -7.53	89.33 -6.83 -7.43	100.57 -8.80 -4.64	94.57 -7.73 -5.69	79.56 -5.66 -6.58	64.89 -4.13 -9.15	64.00 -3.78 -7.78	66.39 -2.89 -6.50
HUNTLEY___65 23559	53.64 -3.83 -1.09	51.99 -4.89 -0.72	51.43 -4.93 -0.33	51.44 -4.82 -0.18	51.55 -4.66 -0.12	52.29 -4.44 -0.57	52.91 -4.22 -0.86	52.53 -4.16 -0.42	52.18 -4.99 -1.13	53.55 -4.15 -0.83	56.12 -5.03 -4.63	56.36 -5.04 -4.82	56.50 -4.87 -4.73	57.35 -4.81 -5.53	57.47 -4.93 -5.76	58.07 -4.88 -6.25	65.81 -4.66 -7.53	89.33 -6.83 -7.43	100.57 -8.80 -4.64	94.57 -7.73 -5.69	79.56 -5.66 -6.58	64.89 -4.13 -9.15	64.00 -3.78 -7.78	66.39 -2.89 -6.50
HUNTLEY___66 23560	53.64 -3.83 -1.09	51.99 -4.89 -0.72	51.43 -4.93 -0.33	51.44 -4.82 -0.18	51.55 -4.66 -0.12	52.29 -4.44 -0.57	52.91 -4.22 -0.86	52.53 -4.16 -0.42	52.18 -4.99 -1.13	53.55 -4.15 -0.83	56.12 -5.03 -4.63	56.36 -5.04 -4.82	56.50 -4.87 -4.73	57.35 -4.81 -5.53	57.47 -4.93 -5.76	58.07 -4.88 -6.25	65.81 -4.66 -7.53	89.33 -6.83 -7.43	100.57 -8.80 -4.64	94.57 -7.73 -5.69	79.56 -5.66 -6.58	64.89 -4.13 -9.15	64.00 -3.78 -7.78	66.39 -2.89 -6.50
HUNTLEY___67 23561	53.61 -3.89 -1.12	52.01 -4.89 -0.74	51.44 -4.93 -0.34	51.45 -4.82 -0.18	51.50 -4.71 -0.12	52.30 -4.44 -0.58	52.93 -4.22 -0.88	52.48 -4.22 -0.43	52.20 -4.99 -1.16	53.51 -4.21 -0.84	56.22 -5.03 -4.73	56.46 -5.04 -4.92	56.54 -4.93 -4.84	57.41 -4.87 -5.64	57.54 -4.98 -5.88	58.14 -4.93 -6.38	65.97 -4.66 -7.69	89.40 -6.92 -7.58	100.56 -8.90 -4.74	94.59 -7.83 -5.81	79.62 -5.74 -6.72	65.03 -4.19 -9.34	64.10 -3.84 -7.95	66.34 -3.08 -6.64
HUNTLEY___68 23562	53.61 -3.89 -1.12	52.01 -4.89 -0.74	51.44 -4.93 -0.34	51.45 -4.82 -0.18	51.50 -4.71 -0.12	52.30 -4.44 -0.58	52.93 -4.22 -0.88	52.48 -4.22 -0.43	52.20 -4.99 -1.16	53.51 -4.21 -0.84	56.22 -5.03 -4.73	56.46 -5.04 -4.92	56.54 -4.93 -4.84	57.41 -4.87 -5.64	57.54 -4.98 -5.88	58.14 -4.93 -6.38	65.97 -4.66 -7.69	89.40 -6.92 -7.58	100.56 -8.90 -4.74	94.59 -7.83 -5.81	79.62 -5.74 -6.72	65.03 -4.19 -9.34	64.10 -3.84 -7.95	66.34 -3.08 -6.64



HYLAND___LFGE 323620	58.64 1.02 -1.24	57.26 0.28 -0.82	56.29 -0.11 -0.37	56.29 0.00 -0.20	56.40 0.17 -0.14	57.20 0.40 -0.65	58.09 0.85 -0.98	57.76 1.01 -0.48	57.76 0.45 -1.28	59.12 1.31 -0.94	62.16 0.40 -5.24	62.44 0.40 -5.46	62.57 0.57 -5.36	63.35 0.45 -6.26	63.56 0.40 -6.53	64.73 0.96 -7.08	73.86 2.39 -8.53	101.15 4.00 -8.41	114.70 4.72 -5.26	107.50 4.45 -6.44	89.79 3.70 -7.46	72.81 2.57 -10.36	71.09 2.28 -8.81	73.03 2.89 -7.36
INDECK___CORINTH 23802	69.73 4.17 -9.18	66.21 3.99 -6.07	62.71 3.92 -2.76	61.43 3.87 -1.47	61.02 3.93 -1.00	64.99 4.05 -4.79	67.15 3.66 -7.22	63.57 3.77 -3.53	69.22 3.70 -9.48	67.55 3.75 -6.92	98.51 3.16 -38.83	100.36 3.39 -40.39	99.68 3.34 -39.70	106.21 3.23 -46.35	108.28 3.34 -48.30	112.56 3.46 -52.41	130.11 4.03 -63.14	156.87 5.86 -62.27	150.46 6.80 -38.93	150.76 6.47 -47.67	139.03 5.19 -55.21	141.44 4.85 -76.72	129.93 4.68 -65.25	122.22 4.96 -54.49
INDECK___ILION 23567	57.12 0.73 0.00	56.83 0.67 0.00	56.70 0.67 0.00	56.82 0.73 0.00	56.88 0.79 0.00	57.00 0.84 0.00	57.06 0.79 0.00	57.12 0.84 0.00	56.88 0.84 0.00	57.84 0.97 0.00	57.59 1.07 0.00	57.60 1.02 0.00	57.66 1.02 0.00	57.66 1.02 0.00	57.66 1.02 0.00	57.71 1.02 0.00	64.13 1.20 0.00	90.34 1.60 0.00	106.61 1.89 0.00	98.35 1.74 0.00	80.13 1.49 0.00	61.01 1.14 0.00	61.14 1.14 0.00	64.03 1.26 0.00
INDECK___OLEAN 23982	53.40 -4.29 -1.30	52.13 -4.89 -0.86	51.21 -5.21 -0.39	51.20 -5.10 -0.21	51.35 -4.88 -0.14	52.34 -4.49 -0.68	53.24 -4.05 -1.02	52.67 -4.11 -0.50	52.67 -4.71 -1.34	54.05 -3.81 -0.98	57.39 -4.63 -5.50	57.78 -4.53 -5.73	57.85 -4.42 -5.63	58.73 -4.48 -6.57	58.78 -4.70 -6.85	59.59 -4.54 -7.43	67.80 -4.09 -8.95	92.25 -5.32 -8.83	103.12 -7.12 -5.52	97.19 -6.19 -6.76	81.90 -4.56 -7.83	67.28 -3.47 -10.88	65.83 -3.42 -9.25	67.68 -2.82 -7.73
INDECK___OSWEGO 23783	55.65 -1.29 -0.57	55.07 -1.46 -0.37	54.69 -1.51 -0.17	54.67 -1.51 -0.09	54.64 -1.51 -0.06	54.94 -1.51 -0.30	55.25 -1.46 -0.45	55.03 -1.46 -0.22	55.16 -1.46 -0.58	56.10 -1.20 -0.43	57.72 -1.19 -2.39	57.88 -1.19 -2.49	57.95 -1.13 -2.45	58.36 -1.13 -2.86	58.54 -1.08 -2.98	58.84 -1.08 -3.23	65.82 -1.01 -3.89	91.16 -1.42 -3.84	105.55 -1.57 -2.40	98.00 -1.55 -2.94	80.86 -1.18 -3.40	63.64 -0.96 -4.73	63.00 -1.02 -4.02	65.07 -1.07 -3.36
INDECK___YERKES 23781	53.64 -3.84 -1.09	52.39 -4.49 -0.72	51.48 -4.88 -0.33	51.50 -4.77 -0.18	51.61 -4.60 -0.12	52.35 -4.38 -0.57	52.91 -4.22 -0.86	52.53 -4.16 -0.42	52.23 -4.93 -1.13	53.78 -3.92 -0.83	56.18 -4.97 -4.63	56.42 -4.98 -4.82	56.56 -4.81 -4.73	57.35 -4.81 -5.53	57.53 -4.87 -5.76	58.07 -4.88 -6.25	65.88 -4.59 -7.53	89.42 -6.75 -7.43	100.57 -8.80 -4.64	94.66 -7.63 -5.69	79.64 -5.58 -6.58	64.95 -4.07 -9.15	64.06 -3.72 -7.78	66.45 -2.82 -6.50
INDIAN POINT_GT_1 24139	67.50 4.00 -7.12	64.63 3.76 -4.71	61.81 3.64 -2.14	60.88 3.65 -1.14	60.40 3.53 -0.78	63.57 3.71 -3.71	65.81 3.94 -5.60	63.06 4.05 -2.74	67.65 4.26 -7.35	66.79 4.55 -5.37	91.09 4.47 -30.11	92.48 4.58 -31.32	92.13 4.70 -30.79	97.34 4.76 -35.94	98.80 4.70 -37.46	102.57 4.88 -41.00	117.63 5.54 -49.16	145.02 7.99 -48.29	144.44 9.53 -30.19	142.38 8.79 -36.98	128.61 7.16 -42.81	124.82 5.27 -59.68	115.99 5.34 -50.65	110.43 5.40 -42.25
INDIAN POINT_GT_2 23659	67.50 4.00 -7.12	64.63 3.76 -4.71	61.81 3.64 -2.14	60.88 3.65 -1.14	60.40 3.53 -0.78	63.57 3.71 -3.71	65.81 3.94 -5.60	63.06 4.05 -2.74	67.65 4.26 -7.35	66.79 4.55 -5.37	91.09 4.47 -30.11	92.48 4.58 -31.32	92.13 4.70 -30.79	97.34 4.76 -35.94	98.80 4.70 -37.46	102.57 4.88 -41.00	117.63 5.54 -49.16	145.02 7.99 -48.29	144.44 9.53 -30.19	142.38 8.79 -36.98	128.61 7.16 -42.81	124.82 5.27 -59.68	115.99 5.34 -50.65	110.43 5.40 -42.25
INDIAN POINT_GT_3 24019	67.50 4.00 -7.12	64.63 3.76 -4.71	61.81 3.64 -2.14	60.88 3.65 -1.14	60.40 3.53 -0.78	63.57 3.71 -3.71	65.81 3.94 -5.60	63.06 4.05 -2.74	67.65 4.26 -7.35	66.79 4.55 -5.37	91.09 4.47 -30.11	92.48 4.58 -31.32	92.13 4.70 -30.79	97.34 4.76 -35.94	98.80 4.70 -37.46	102.57 4.88 -41.00	117.63 5.54 -49.16	145.02 7.99 -48.29	144.44 9.53 -30.19	142.38 8.79 -36.98	128.61 7.16 -42.81	124.82 5.27 -59.68	115.99 5.34 -50.65	110.43 5.40 -42.25
INDIAN POINT___2 23530	67.31 3.89 -7.03	64.51 3.71 -4.65	61.73 3.59 -2.11	60.81 3.59 -1.13	60.34 3.48 -0.77	63.47 3.65 -3.67	65.69 3.88 -5.54	62.91 3.94 -2.70	67.45 4.15 -7.27	66.62 4.44 -5.30	90.63 4.35 -29.76	92.06 4.53 -30.95	91.65 4.59 -30.43	96.80 4.65 -35.52	98.25 4.59 -37.02	101.96 4.76 -40.51	116.92 5.41 -48.57	144.36 7.90 -47.73	143.78 9.22 -29.84	141.75 8.60 -36.54	127.95 7.00 -42.31	124.00 5.15 -58.97	115.33 5.28 -50.05	109.87 5.33 -41.76
INDIAN POINT___3 23531	67.45 3.95 -7.12	64.57 3.71 -4.71	61.75 3.59 -2.14	60.77 3.53 -1.14	60.40 3.53 -0.78	63.52 3.65 -3.71	65.76 3.88 -5.60	63.00 4.00 -2.74	67.54 4.15 -7.36	66.68 4.44 -5.37	90.98 4.35 -30.11	92.43 4.53 -31.32	92.02 4.59 -30.79	97.23 4.64 -35.95	98.75 4.64 -37.47	102.45 4.76 -40.99	117.50 5.41 -49.15	144.94 7.90 -48.30	144.13 9.22 -30.19	142.19 8.60 -36.98	128.46 7.00 -42.82	124.70 5.15 -59.68	115.93 5.28 -50.65	110.37 5.34 -42.26
INGHAM_C_115KV_TB7 356103	56.83 0.45 0.00	56.61 0.45 0.00	56.53 0.50 0.00	56.71 0.62 0.00	56.82 0.73 0.00	56.89 0.73 0.00	56.95 0.68 0.00	57.06 0.79 0.00	56.82 0.78 0.00	57.79 0.91 0.00	57.48 0.96 0.00	57.49 0.91 0.00	57.49 0.85 0.00	57.43 0.79 0.00	57.37 0.74 0.00	57.43 0.74 0.00	63.82 0.88 0.00	89.89 1.15 0.00	105.98 1.26 0.00	97.87 1.26 0.00	79.74 1.10 0.00	60.83 0.96 0.00	60.96 0.96 0.00	63.91 1.13 0.00
IP CORINTH___1 23988	69.73 4.17 -9.18	66.16 3.93 -6.07	62.71 3.92 -2.76	61.43 3.87 -1.47	61.02 3.93 -1.00	64.99 4.04 -4.79	67.15 3.66 -7.22	63.57 3.77 -3.53	69.22 3.70 -9.48	67.55 3.75 -6.92	98.51 3.17 -38.83	100.36 3.39 -40.39	99.68 3.34 -39.70	106.21 3.23 -46.35	108.28 3.34 -48.30	112.56 3.46 -52.41	130.11 4.03 -63.14	156.87 5.86 -62.27	150.46 6.81 -38.93	150.76 6.47 -47.67	139.03 5.19 -55.21	141.44 4.85 -76.72	129.93 4.68 -65.25	122.22 4.96 -54.49
IP___TICONDEROGA 23804	71.87 6.31 -9.17	68.12 5.90 -6.06	64.67 5.88 -2.75	63.45 5.89 -1.47	63.09 6.00 -1.00	67.06 6.12 -4.78	69.34 5.85 -7.22	65.82 6.02 -3.52	71.67 6.16 -9.47	69.93 6.14 -6.91	100.39 5.09 -38.78	102.41 5.49 -40.34	101.62 5.32 -39.66	108.14 5.21 -46.30	110.21 5.32 -48.25	114.60 5.56 -52.36	132.43 6.42 -63.07	160.26 9.32 -62.21	154.40 10.79 -38.89	154.67 10.43 -47.62	142.12 8.34 -55.15	144.11 7.60 -76.63	132.49 7.32 -65.18	124.99 7.78 -54.43
ISLIP_RES_REC 323679	70.59 6.71 -7.50	67.39 6.46 -4.77	68.24 6.27 -5.93	63.41 6.17 -1.15	63.10 6.23 -0.79	67.02 6.40 -4.46	73.23 6.64 -10.32	75.06 6.64 -12.15	78.56 6.72 -15.80	78.19 7.17 -14.14	93.74 6.78 -30.44	94.92 6.67 -31.67	94.68 6.91 -31.13	100.11 7.14 -36.34	114.86 7.08 -51.14	131.91 7.26 -67.96	147.46 8.37 -76.15	155.38 12.07 -54.58	155.59 14.13 -36.73	154.83 13.14 -45.08	151.16 10.61 -61.91	150.34 8.03 -82.45	143.39 8.10 -75.29	124.95 8.22 -53.96

JAMAICA__27_KV_LOAD 355505	68.60 5.02 -7.20	65.63 4.72 -4.76	62.73 4.54 -2.16	61.79 4.54 -1.15	61.25 4.38 -0.79	64.46 4.55 -3.75	66.78 4.84 -5.67	64.05 5.01 -2.77	68.80 5.32 -7.44	67.94 5.63 -5.44	92.46 5.48 -30.45	93.99 5.71 -31.69	93.57 5.78 -31.16	98.90 5.89 -36.37	100.60 6.00 -37.96	111.14 6.41 -48.04	123.58 7.43 -53.21	147.72 10.12 -48.86	147.11 11.83 -30.55	145.04 11.01 -37.41	130.84 8.89 -43.32	129.13 7.06 -62.20	118.54 7.14 -51.41	112.11 6.59 -42.74
JANIS__SOLAR 323808	61.01 2.65 -1.97	59.87 2.41 -1.30	58.92 2.30 -0.59	58.65 2.25 -0.32	58.66 2.36 -0.22	59.77 2.58 -1.03	60.58 2.76 -1.55	59.79 2.76 -0.76	60.71 2.63 -2.04	61.49 3.13 -1.49	67.91 3.05 -8.34	68.37 3.11 -8.68	68.34 3.17 -8.53	69.82 3.23 -9.96	70.41 3.40 -10.38	71.53 3.57 -11.26	81.35 4.85 -13.57	109.13 7.01 -13.38	121.57 8.48 -8.37	114.49 7.63 -10.24	96.71 6.21 -11.86	80.79 4.43 -16.48	78.28 4.26 -14.02	79.19 4.71 -11.71
JARVIS____ 23743	57.00 0.62 0.00	56.72 0.56 0.00	56.59 0.56 0.00	56.65 0.56 0.00	56.71 0.62 0.00	56.78 0.62 0.00	56.84 0.56 0.00	56.84 0.56 0.00	56.65 0.62 0.00	57.61 0.74 0.00	57.25 0.73 0.00	57.31 0.73 0.00	57.37 0.73 0.00	57.37 0.73 0.00	57.37 0.73 0.00	57.48 0.79 0.00	63.88 0.95 0.00	90.07 1.33 0.00	106.19 1.47 0.00	97.96 1.35 0.00	79.82 1.18 0.00	60.71 0.84 0.00	60.90 0.90 0.00	63.72 0.94 0.00
JENNISON____1 23625	62.20 3.27 -2.54	60.81 2.98 -1.68	59.76 2.97 -0.76	59.47 2.97 -0.41	59.45 3.08 -0.28	60.74 3.26 -1.33	61.65 3.38 -2.00	60.68 3.43 -0.98	62.02 3.36 -2.63	62.83 4.04 -1.92	71.46 4.18 -10.76	71.96 4.19 -11.19	71.88 4.25 -11.00	73.84 4.36 -12.84	74.49 4.47 -13.38	75.86 4.65 -14.52	86.16 5.73 -17.49	114.07 8.08 -17.25	124.93 9.43 -10.79	118.52 8.70 -13.21	101.17 7.23 -15.29	86.40 5.27 -21.25	83.11 5.04 -18.08	83.46 5.59 -15.10
JENNISON____2 23626	62.20 3.27 -2.54	60.81 2.98 -1.68	59.76 2.97 -0.76	59.47 2.97 -0.41	59.45 3.08 -0.28	60.74 3.26 -1.33	61.65 3.38 -2.00	60.68 3.43 -0.98	62.02 3.36 -2.63	62.83 4.04 -1.92	71.46 4.18 -10.76	71.96 4.19 -11.19	71.88 4.25 -11.00	73.84 4.36 -12.84	74.49 4.47 -13.38	75.86 4.65 -14.52	86.16 5.73 -17.49	114.07 8.08 -17.25	124.93 9.43 -10.79	118.52 8.70 -13.21	101.17 7.23 -15.29	86.40 5.27 -21.25	83.11 5.04 -18.08	83.46 5.59 -15.10
JERICOHO_RISE_WT_PWR 323719	55.26 -1.13 0.00	55.37 -0.79 0.00	55.25 -0.78 0.00	55.25 -0.84 0.00	55.14 -0.95 0.00	55.09 -1.07 0.00	54.70 -1.58 0.00	55.03 -1.24 0.00	54.97 -1.07 0.00	55.46 -1.42 0.00	55.05 -1.47 0.00	55.06 -1.53 0.00	55.11 -1.53 0.00	54.88 -1.76 0.00	54.88 -1.76 0.00	54.71 -1.99 0.00	60.55 -2.39 0.00	85.63 -3.11 0.00	101.27 -3.45 0.00	93.33 -3.29 0.00	75.57 -3.07 0.00	57.60 -2.28 0.00	57.84 -2.16 0.00	60.95 -1.82 0.00
KATONAH__115KV_46KV_TB4 355592	68.16 4.51 -7.26	65.17 4.21 -4.80	62.30 4.09 -2.18	61.35 4.09 -1.16	60.76 3.87 -0.79	63.88 3.93 -3.79	66.27 4.28 -5.72	63.51 4.45 -2.79	68.30 4.76 -7.51	67.42 5.06 -5.48	92.17 4.92 -30.73	93.58 5.04 -31.97	93.21 5.15 -31.42	98.47 5.15 -36.68	100.02 5.15 -38.23	103.55 5.33 -41.53	119.11 6.17 -50.00	146.82 8.79 -49.29	146.22 10.68 -30.81	144.20 9.85 -37.74	130.36 8.02 -43.70	126.52 5.87 -60.78	117.48 5.82 -51.66	111.74 5.84 -43.13
KCE_NY_1 323755	69.26 3.72 -9.15	65.81 3.60 -6.05	62.31 3.53 -2.75	61.04 3.48 -1.47	60.63 3.54 -1.00	64.53 3.60 -4.77	66.97 3.49 -7.20	63.34 3.55 -3.52	69.03 3.53 -9.46	67.42 3.64 -6.90	98.52 3.28 -38.72	100.20 3.34 -40.28	99.58 3.34 -39.60	106.14 3.28 -46.23	108.21 3.40 -48.18	112.43 3.46 -52.28	129.88 3.97 -62.98	156.54 5.68 -62.11	150.15 6.60 -38.83	150.44 6.28 -47.55	138.74 5.04 -55.06	140.64 4.25 -76.52	129.27 4.20 -65.08	121.51 4.39 -54.35
KCE_NY_6_ESR 323823	54.00 -3.55 -1.16	52.71 -4.21 -0.77	51.79 -4.59 -0.35	51.79 -4.49 -0.19	51.90 -4.32 -0.13	52.67 -4.10 -0.61	53.36 -3.83 -0.92	52.89 -3.83 -0.45	52.70 -4.54 -1.20	54.17 -3.58 -0.88	56.97 -4.47 -4.92	57.23 -4.47 -5.12	57.31 -4.36 -5.03	58.20 -4.31 -5.87	58.34 -4.42 -6.12	58.97 -4.36 -6.64	66.91 -4.03 -8.00	90.87 -5.77 -7.89	102.02 -7.64 -4.93	96.08 -6.57 -6.04	80.84 -4.80 -7.00	66.12 -3.47 -9.72	65.03 -3.24 -8.27	67.23 -2.45 -6.91
KEDC PORT_JEFF_GT2 24210	70.25 6.37 -7.50	67.05 6.12 -4.77	67.96 6.00 -5.93	63.13 5.89 -1.15	62.77 5.89 -0.79	66.74 6.12 -4.46	72.95 6.36 -10.32	74.78 6.36 -12.15	78.28 6.44 -15.80	77.90 6.88 -14.14	93.46 6.50 -30.44	94.64 6.39 -31.67	94.34 6.57 -31.13	99.77 6.79 -36.34	114.51 6.74 -51.14	131.51 6.86 -67.96	146.95 7.87 -76.15	154.50 11.18 -54.58	154.55 13.09 -36.73	153.87 12.17 -45.08	150.45 9.91 -61.91	149.86 7.54 -82.45	142.97 7.68 -75.29	124.52 7.78 -53.96
KEDC PORT_JEFF_GT3 24211	70.25 6.37 -7.50	67.05 6.12 -4.77	67.96 6.00 -5.93	63.13 5.89 -1.15	62.77 5.89 -0.79	66.74 6.12 -4.46	72.95 6.36 -10.32	74.78 6.36 -12.15	78.28 6.44 -15.80	77.90 6.88 -14.14	93.46 6.50 -30.44	94.64 6.39 -31.67	94.34 6.57 -31.13	99.77 6.79 -36.34	114.51 6.74 -51.14	131.51 6.86 -67.96	146.95 7.87 -76.15	154.50 11.18 -54.58	154.55 13.09 -36.73	153.87 12.17 -45.08	150.45 9.91 -61.91	149.86 7.54 -82.45	142.97 7.68 -75.29	124.52 7.78 -53.96
KEDC_GLWD_GT4 24219	69.30 5.41 -7.50	66.09 5.16 -4.77	67.01 5.04 -5.93	62.18 4.94 -1.15	61.81 4.94 -0.79	65.73 5.11 -4.46	71.95 5.35 -10.32	73.88 5.46 -12.15	77.50 5.66 -15.80	77.04 6.03 -14.14	92.79 5.82 -30.44	94.19 5.94 -31.67	93.83 6.06 -31.13	99.21 6.23 -36.34	114.01 6.23 -51.14	131.06 6.40 -67.96	146.39 7.30 -76.15	153.87 10.56 -54.58	153.92 12.46 -36.74	153.19 11.49 -45.08	149.98 9.43 -61.91	149.32 7.00 -82.45	142.31 7.02 -75.29	123.82 7.09 -53.96
KEDC_GLWD_GT5 24220	69.30 5.41 -7.50	66.09 5.16 -4.77	67.01 5.04 -5.93	62.18 4.94 -1.15	61.81 4.94 -0.79	65.73 5.11 -4.46	71.95 5.35 -10.32	73.88 5.46 -12.15	77.50 5.66 -15.80	77.04 6.03 -14.14	92.79 5.82 -30.44	94.19 5.94 -31.67	93.83 6.06 -31.13	99.21 6.23 -36.34	114.01 6.23 -51.14	131.06 6.40 -67.96	146.39 7.30 -76.15	153.87 10.56 -54.58	153.92 12.46 -36.74	153.19 11.49 -45.08	149.98 9.43 -61.91	149.32 7.00 -82.45	142.31 7.02 -75.29	123.82 7.09 -53.96
KENSICO____ 23655	67.79 4.23 -7.18	64.89 3.99 -4.75	62.05 3.87 -2.16	61.06 3.81 -1.15	60.63 3.76 -0.78	63.83 3.93 -3.74	66.09 4.16 -5.65	63.31 4.28 -2.76	67.93 4.48 -7.42	67.07 4.78 -5.41	91.52 4.63 -30.36	92.97 4.81 -31.58	92.56 4.87 -31.05	97.86 4.98 -36.24	99.34 4.93 -37.78	103.21 5.10 -41.42	118.33 5.79 -49.61	145.78 8.34 -48.70	145.01 9.84 -30.45	142.98 9.08 -37.29	129.28 7.47 -43.17	125.60 5.51 -60.22	116.66 5.58 -51.08	110.97 5.59 -42.61
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	67.68 4.51 -6.79	64.80 4.16 -4.49	62.10 4.03 -2.04	61.22 4.04 -1.09	60.82 3.98 -0.74	63.85 4.16 -3.54	65.84 4.22 -5.34	62.99 4.11 -2.61	67.37 4.31 -7.02	66.49 4.49 -5.12	89.71 4.47 -28.72	91.10 4.64 -29.88	90.65 4.64 -29.37	95.74 4.81 -34.29	97.30 4.93 -35.74	100.68 5.22 -38.78	115.69 6.04 -46.71	143.95 9.14 -46.07	144.52 11.00 -28.80	142.03 10.14 -35.27	127.66 8.18 -40.84	122.62 5.99 -56.76	114.21 5.94 -48.27	108.99 5.90 -40.31

KIAC_JFK_GT1 23816	68.43 4.85 -7.20	65.47 4.55 -4.76	62.56 4.37 -2.16	61.68 4.43 -1.15	61.08 4.21 -0.79	64.29 4.38 -3.75	66.61 4.67 -5.67	63.88 4.84 -2.77	68.63 5.16 -7.44	67.77 5.46 -5.44	92.29 5.31 -30.45	93.82 5.54 -31.69	93.40 5.61 -31.16	98.73 5.72 -36.37	100.43 5.83 -37.96	110.97 6.24 -48.04	123.33 7.17 -53.21	147.36 9.76 -48.86	146.69 11.41 -30.55	144.65 10.63 -37.41	130.61 8.65 -43.32	128.89 6.83 -62.20	118.30 6.90 -51.41	111.86 6.34 -42.74
KIAC_JFK_GT2 23817	68.43 4.85 -7.20	65.47 4.55 -4.76	62.56 4.37 -2.16	61.68 4.43 -1.15	61.08 4.21 -0.79	64.29 4.38 -3.75	66.61 4.67 -5.67	63.88 4.84 -2.77	68.63 5.16 -7.44	67.77 5.46 -5.44	92.29 5.31 -30.45	93.82 5.54 -31.69	93.40 5.61 -31.16	98.73 5.72 -36.37	100.43 5.83 -37.96	110.97 6.24 -48.04	123.33 7.17 -53.21	147.36 9.76 -48.86	146.69 11.41 -30.55	144.65 10.63 -37.41	130.61 8.65 -43.32	128.89 6.83 -62.20	118.30 6.90 -51.41	111.86 6.34 -42.74
KIAC_JFK____ 323774	68.43 4.85 -7.20	65.46 4.55 -4.76	62.57 4.37 -2.16	61.67 4.43 -1.15	61.09 4.21 -0.79	64.29 4.38 -3.75	66.61 4.67 -5.67	63.88 4.84 -2.77	68.63 5.15 -7.44	67.83 5.52 -5.44	92.29 5.31 -30.45	93.82 5.55 -31.69	93.40 5.61 -31.16	98.72 5.72 -36.37	100.43 5.83 -37.96	110.97 6.24 -48.04	123.32 7.17 -53.21	147.36 9.76 -48.86	146.69 11.42 -30.55	144.65 10.63 -37.41	130.61 8.65 -43.32	128.89 6.82 -62.20	118.30 6.90 -51.41	111.85 6.34 -42.74
KINTIGH____ 23543	54.25 -3.10 -0.97	52.81 -3.99 -0.64	52.29 -4.03 -0.29	52.32 -3.93 -0.15	52.38 -3.81 -0.11	53.07 -3.59 -0.50	53.60 -3.43 -0.76	53.27 -3.38 -0.37	53.00 -4.03 -1.00	54.25 -3.36 -0.73	56.59 -4.01 -4.09	56.76 -4.07 -4.25	56.85 -3.96 -4.18	57.61 -3.91 -4.88	57.76 -3.96 -5.08	58.24 -3.97 -5.52	65.87 -3.71 -6.65	89.79 -5.50 -6.56	101.60 -7.23 -4.10	95.35 -6.28 -5.02	79.81 -4.64 -5.81	64.59 -3.35 -8.08	63.75 -3.12 -6.87	66.06 -2.45 -5.74
KNTFSRNC_46_KV_46KV_LOAD 80397	56.04 -0.34 0.00	56.16 0.00 0.00	55.97 -0.06 0.00	55.98 -0.11 0.00	55.81 -0.28 0.00	55.76 -0.39 0.00	55.15 -1.13 0.00	55.60 -0.68 0.00	55.64 -0.39 0.00	56.19 -0.68 0.00	55.73 -0.79 0.00	55.73 -0.85 0.00	55.84 -0.79 0.00	55.56 -1.08 0.00	55.56 -1.08 0.00	55.33 -1.36 0.00	61.36 -1.57 0.00	86.97 -1.77 0.00	102.94 -1.78 0.00	94.78 -1.84 0.00	76.59 -2.04 0.00	58.32 -1.56 0.00	58.56 -1.44 0.00	62.02 -0.75 0.00
LACHUTE____HYDRO 323717	71.87 6.31 -9.17	68.17 5.95 -6.06	64.67 5.88 -2.75	63.45 5.89 -1.47	63.10 6.00 -1.00	67.06 6.12 -4.78	69.34 5.85 -7.22	65.82 6.02 -3.52	71.67 6.16 -9.47	69.93 6.14 -6.91	100.39 5.09 -38.78	102.41 5.49 -40.34	101.62 5.32 -39.66	108.14 5.21 -46.30	110.21 5.32 -48.25	114.61 5.56 -52.36	132.43 6.42 -63.07	160.26 9.32 -62.21	154.40 10.79 -38.89	154.67 10.44 -47.62	142.12 8.33 -55.15	144.11 7.60 -76.63	132.49 7.32 -65.18	124.99 7.78 -54.43
LAWRNCALV_115KV_TB1 80681	54.13 -2.26 0.00	54.25 -1.91 0.00	54.18 -1.85 0.00	54.18 -1.91 0.00	54.13 -1.96 0.00	53.91 -2.25 0.00	53.91 -2.36 0.00	54.02 -2.25 0.00	53.91 -2.13 0.00	54.49 -2.39 0.00	54.32 -2.20 0.00	54.32 -2.26 0.00	54.26 -2.38 0.00	54.37 -2.27 0.00	54.31 -2.32 0.00	54.25 -2.44 0.00	58.85 -4.09 0.00	83.06 -5.68 0.00	98.23 -6.49 0.00	90.43 -6.18 0.00	73.37 -5.27 0.00	56.22 -3.65 0.00	56.34 -3.66 0.00	58.51 -4.27 0.00
LEDERLE____ 23769	67.33 4.00 -6.94	64.51 3.76 -4.59	61.76 3.64 -2.08	60.79 3.59 -1.11	60.44 3.59 -0.76	63.54 3.76 -3.62	65.67 3.94 -5.46	62.94 4.00 -2.67	67.41 4.20 -7.17	66.60 4.49 -5.23	90.34 4.47 -29.35	91.76 4.64 -30.53	91.35 4.70 -30.02	96.43 4.76 -35.04	97.86 4.70 -36.52	101.45 4.88 -39.89	116.29 5.48 -47.88	143.90 8.08 -47.08	143.69 9.53 -29.43	141.45 8.79 -36.05	127.53 7.16 -41.74	123.28 5.27 -58.14	114.82 5.46 -49.37	109.49 5.52 -41.19
LIGHTHSE_115KV_TB6 355974	56.13 -0.79 -0.54	55.50 -1.01 -0.35	55.13 -1.06 -0.16	55.11 -1.07 -0.09	55.14 -1.01 -0.06	55.37 -1.07 -0.28	55.63 -1.07 -0.42	55.41 -1.07 -0.21	55.58 -1.01 -0.55	56.60 -0.68 -0.40	58.28 -0.51 -2.27	58.55 -0.40 -2.36	58.56 -0.40 -2.32	59.06 -0.28 -2.71	59.18 -0.28 -2.82	59.59 -0.17 -3.06	66.44 -0.19 -3.69	92.12 -0.27 -3.64	106.79 -0.21 -2.28	99.11 -0.29 -2.79	81.63 -0.24 -3.23	64.12 -0.24 -4.49	63.45 -0.36 -3.81	65.59 -0.38 -3.19
LINDEN COGEN____ 23786	67.98 4.40 -7.20	65.07 4.16 -4.76	62.17 3.98 -2.16	61.29 4.04 -1.15	60.74 3.87 -0.79	63.96 4.05 -3.75	66.21 4.27 -5.67	63.42 4.39 -2.76	68.12 4.65 -7.44	67.26 4.95 -5.44	91.78 4.80 -30.45	93.25 4.98 -31.69	92.89 5.10 -31.16	98.16 5.15 -36.37	99.75 5.15 -37.96	110.06 5.33 -48.04	122.25 6.10 -53.21	146.21 8.61 -48.86	145.33 10.05 -30.55	143.40 9.37 -37.41	129.67 7.71 -43.32	127.56 5.81 -61.88	117.27 5.88 -51.39	111.29 5.77 -42.74
LINDHRST_69_KV_BK1 356055	70.03 6.15 -7.50	66.77 5.84 -4.77	67.68 5.72 -5.93	62.74 5.50 -1.15	62.49 5.61 -0.79	66.46 5.84 -4.46	72.67 6.08 -10.32	74.55 6.13 -12.15	78.17 6.33 -15.80	77.67 6.65 -14.14	93.35 6.39 -30.44	94.64 6.39 -31.67	94.34 6.57 -31.13	99.77 6.80 -36.34	114.57 6.80 -51.14	131.62 6.97 -67.96	147.08 7.99 -76.15	154.85 11.54 -54.58	155.07 13.61 -36.73	154.25 12.56 -45.08	150.77 10.22 -61.91	149.92 7.60 -82.45	142.97 7.68 -75.29	124.52 7.78 -53.96
LIPA_MISC_IPP 23656	70.37 6.48 -7.50	67.11 6.18 -4.77	68.02 6.05 -5.93	63.02 5.78 -1.15	62.88 6.00 -0.79	66.79 6.18 -4.46	73.01 6.42 -10.32	74.83 6.42 -12.15	78.28 6.44 -15.80	77.90 6.88 -14.14	93.52 6.56 -30.44	94.70 6.45 -31.67	94.39 6.63 -31.13	99.77 6.80 -36.34	114.52 6.74 -51.14	131.45 6.80 -67.96	146.95 7.87 -76.15	154.59 11.27 -54.58	154.65 13.20 -36.73	153.96 12.27 -45.08	150.45 9.91 -61.91	149.98 7.66 -82.45	143.09 7.80 -75.29	124.64 7.91 -53.96
LISF____SOLAR 323691	70.48 6.59 -7.50	67.27 6.34 -4.77	68.13 6.16 -5.93	63.30 6.06 -1.15	62.99 6.11 -0.79	66.90 6.29 -4.46	73.12 6.52 -10.32	74.89 6.47 -12.15	78.39 6.55 -15.80	78.07 7.05 -14.14	93.57 6.61 -30.44	94.75 6.50 -31.67	94.51 6.74 -31.13	99.89 6.91 -36.34	114.63 6.85 -51.14	131.57 6.91 -67.96	147.14 8.06 -76.15	154.77 11.45 -54.58	154.97 13.51 -36.73	154.16 12.47 -45.08	150.69 10.15 -61.91	150.10 7.78 -82.45	143.21 7.92 -75.29	124.77 8.04 -53.96
LITTLE FALLS____HYD 24013	56.83 0.45 0.00	56.61 0.45 0.00	56.53 0.50 0.00	56.71 0.62 0.00	56.82 0.73 0.00	56.89 0.73 0.00	56.95 0.68 0.00	57.06 0.79 0.00	56.82 0.78 0.00	57.79 0.91 0.00	57.48 0.96 0.00	57.49 0.91 0.00	57.49 0.85 0.00	57.43 0.79 0.00	57.37 0.74 0.00	57.43 0.74 0.00	63.82 0.88 0.00	89.89 1.15 0.00	105.98 1.26 0.00	97.87 1.26 0.00	79.74 1.10 0.00	60.83 0.96 0.00	60.96 0.96 0.00	63.91 1.13 0.00
LITTLRIV_115KV_TB1 356100	54.52 -1.86 0.00	54.70 -1.46 0.00	54.63 -1.40 0.00	54.63 -1.46 0.00	54.58 -1.51 0.00	54.36 -1.80 0.00	54.36 -1.91 0.00	54.47 -1.80 0.00	54.41 -1.63 0.00	55.06 -1.82 0.00	54.99 -1.53 0.00	55.00 -1.58 0.00	54.94 -1.70 0.00	55.05 -1.59 0.00	55.05 -1.59 0.00	54.93 -1.76 0.00	59.66 -3.27 0.00	84.22 -4.53 0.00	99.59 -5.13 0.00	91.78 -4.83 0.00	74.39 -4.25 0.00	56.94 -2.93 0.00	57.00 -3.00 0.00	59.20 -3.58 0.00

LI_NEWBRDGE___DRP 323616	68.90 5.02 -7.50	65.70 4.77 -4.77	66.61 4.65 -5.93	61.73 4.49 -1.15	61.42 4.54 -0.79	65.33 4.72 -4.46	71.55 4.95 -10.32	73.48 5.06 -12.15	77.11 5.27 -15.80	76.59 5.57 -14.14	92.33 5.37 -30.44	93.68 5.43 -31.67	93.38 5.61 -31.13	98.76 5.78 -36.34	113.50 5.72 -51.14	130.55 5.90 -67.96	145.76 6.67 -76.15	152.90 9.58 -54.58	152.66 11.21 -36.73	152.13 10.43 -45.08	149.12 8.57 -61.91	148.66 6.35 -82.45	141.77 6.48 -75.29	123.26 6.53 -53.96
LOCKPORT_115KV_TB60_63_64 80432	53.43 -4.00 -1.05	51.80 -5.05 -0.69	51.30 -5.04 -0.32	51.27 -4.99 -0.17	51.38 -4.82 -0.11	52.16 -4.55 -0.55	52.71 -4.39 -0.83	52.34 -4.33 -0.40	52.02 -5.10 -1.08	53.34 -4.32 -0.79	55.76 -5.20 -4.44	55.99 -5.21 -4.62	56.08 -5.10 -4.54	56.90 -5.04 -5.30	57.06 -5.10 -5.52	57.58 -5.10 -5.99	65.31 -4.85 -7.22	88.76 -7.10 -7.12	99.96 -9.22 -4.45	93.95 -8.12 -5.45	78.98 -5.98 -6.31	64.28 -4.37 -8.77	63.44 -4.02 -7.46	65.81 -3.20 -6.23
LOCKPORT___CC1 323769	53.49 -3.95 -1.06	52.20 -4.66 -0.70	51.31 -5.04 -0.32	51.32 -4.94 -0.17	51.44 -4.77 -0.12	52.16 -4.55 -0.55	52.72 -4.39 -0.83	52.40 -4.28 -0.41	52.03 -5.10 -1.09	53.52 -4.15 -0.80	55.80 -5.20 -4.48	56.03 -5.20 -4.66	56.12 -5.10 -4.58	56.94 -5.04 -5.34	57.11 -5.10 -5.57	57.63 -5.10 -6.04	65.37 -4.84 -7.28	88.82 -7.10 -7.18	99.99 -9.22 -4.49	93.99 -8.12 -5.50	79.02 -5.98 -6.36	64.35 -4.37 -8.84	63.50 -4.02 -7.52	65.86 -3.20 -6.28
LOCKPORT___CC2 323770	53.49 -3.95 -1.06	52.20 -4.66 -0.70	51.31 -5.04 -0.32	51.32 -4.94 -0.17	51.44 -4.77 -0.12	52.16 -4.55 -0.55	52.72 -4.39 -0.83	52.40 -4.28 -0.41	52.03 -5.10 -1.09	53.52 -4.15 -0.80	55.80 -5.20 -4.48	56.03 -5.20 -4.66	56.12 -5.10 -4.58	56.94 -5.04 -5.34	57.11 -5.10 -5.57	57.63 -5.10 -6.04	65.37 -4.84 -7.28	88.82 -7.10 -7.18	99.99 -9.22 -4.49	93.99 -8.12 -5.50	79.02 -5.98 -6.36	64.35 -4.37 -8.84	63.50 -4.02 -7.52	65.86 -3.20 -6.28
LOCKPORT___CC3 323771	53.49 -3.95 -1.06	52.20 -4.66 -0.70	51.31 -5.04 -0.32	51.32 -4.94 -0.17	51.44 -4.77 -0.12	52.16 -4.55 -0.55	52.72 -4.39 -0.83	52.40 -4.28 -0.41	52.03 -5.10 -1.09	53.52 -4.15 -0.80	55.80 -5.20 -4.48	56.03 -5.20 -4.66	56.12 -5.10 -4.58	56.94 -5.04 -5.34	57.11 -5.10 -5.57	57.63 -5.10 -6.04	65.37 -4.84 -7.28	88.82 -7.10 -7.18	99.99 -9.22 -4.49	93.99 -8.12 -5.50	79.02 -5.98 -6.36	64.35 -4.37 -8.84	63.50 -4.02 -7.52	65.86 -3.20 -6.28
LONG_LAKE_PHOENIX 24014	55.95 -1.01 -0.58	55.31 -1.24 -0.38	54.92 -1.29 -0.17	54.89 -1.29 -0.09	54.86 -1.29 -0.06	55.22 -1.24 -0.30	55.49 -1.24 -0.46	55.31 -1.18 -0.22	55.46 -1.18 -0.60	56.40 -0.91 -0.44	58.08 -0.90 -2.46	58.29 -0.85 -2.56	58.30 -0.85 -2.52	58.72 -0.85 -2.94	58.91 -0.79 -3.06	59.28 -0.74 -3.32	66.31 -0.63 -4.00	91.80 -0.89 -3.95	106.35 -0.84 -2.47	98.76 -0.87 -3.02	81.43 -0.71 -3.50	64.14 -0.60 -4.86	63.47 -0.66 -4.14	65.60 -0.63 -3.45
LOVETT___3 23632	67.07 3.72 -6.96	64.24 3.48 -4.61	61.48 3.36 -2.09	60.57 3.37 -1.12	60.16 3.31 -0.76	63.27 3.48 -3.63	65.47 3.71 -5.48	62.72 3.77 -2.68	67.21 3.98 -7.19	66.39 4.27 -5.25	90.27 4.30 -29.45	91.63 4.41 -30.64	91.29 4.53 -30.12	96.33 4.53 -35.16	97.76 4.47 -36.65	101.32 4.59 -40.03	116.21 5.22 -48.05	143.62 7.63 -47.24	143.26 9.01 -29.53	141.09 8.31 -36.17	127.28 6.76 -41.88	123.18 4.97 -58.34	114.69 5.16 -49.54	109.32 5.21 -41.34
LOVETT___4 23642	67.07 3.72 -6.96	64.24 3.48 -4.61	61.48 3.36 -2.09	60.57 3.37 -1.12	60.16 3.31 -0.76	63.27 3.48 -3.63	65.47 3.71 -5.48	62.72 3.77 -2.68	67.21 3.98 -7.19	66.39 4.27 -5.25	90.27 4.30 -29.45	91.63 4.41 -30.64	91.29 4.53 -30.12	96.33 4.53 -35.16	97.76 4.47 -36.65	101.32 4.59 -40.03	116.21 5.22 -48.05	143.62 7.63 -47.24	143.26 9.01 -29.53	141.09 8.31 -36.17	127.28 6.76 -41.88	123.18 4.97 -58.34	114.69 5.16 -49.54	109.32 5.21 -41.34
LOVETT___5 23593	67.07 3.72 -6.96	64.24 3.48 -4.61	61.48 3.36 -2.09	60.57 3.37 -1.12	60.16 3.31 -0.76	63.27 3.48 -3.63	65.47 3.71 -5.48	62.72 3.77 -2.68	67.21 3.98 -7.19	66.39 4.27 -5.25	90.27 4.30 -29.45	91.63 4.41 -30.64	91.29 4.53 -30.12	96.33 4.53 -35.16	97.76 4.47 -36.65	101.32 4.59 -40.03	116.21 5.22 -48.05	143.62 7.63 -47.24	143.26 9.01 -29.53	141.09 8.31 -36.17	127.28 6.76 -41.88	123.18 4.97 -58.34	114.69 5.16 -49.54	109.32 5.21 -41.34
LOWER RAQUET___HYD 24057	53.85 -2.54 0.00	53.85 -2.30 0.00	53.90 -2.13 0.00	53.90 -2.19 0.00	53.85 -2.25 0.00	53.63 -2.53 0.00	53.57 -2.70 0.00	53.74 -2.53 0.00	53.63 -2.41 0.00	54.15 -2.73 0.00	54.09 -2.43 0.00	54.09 -2.49 0.00	54.03 -2.60 0.00	54.09 -2.55 0.00	54.09 -2.55 0.00	54.03 -2.66 0.00	58.66 -4.28 0.00	82.80 -5.94 0.00	97.92 -6.81 0.00	90.14 -6.47 0.00	73.06 -5.58 0.00	55.98 -3.89 0.00	56.10 -3.90 0.00	58.26 -4.52 0.00
LOWER___HUDSON 24059	68.32 2.93 -9.01	65.03 2.92 -5.96	61.65 2.91 -2.71	60.34 2.80 -1.44	59.93 2.86 -0.98	63.77 2.92 -4.70	66.23 2.87 -7.09	62.60 2.87 -3.46	68.20 2.86 -9.31	66.62 2.96 -6.79	97.44 2.82 -38.10	99.04 2.83 -39.63	98.42 2.83 -38.96	104.89 2.77 -45.48	106.81 2.77 -47.40	110.96 2.83 -51.43	128.10 3.21 -61.96	154.37 4.52 -61.11	148.16 5.23 -38.20	148.32 4.92 -46.78	136.82 4.01 -54.17	138.26 3.11 -75.28	127.08 3.06 -64.02	119.44 3.20 -53.47
LOWVILLE_115KV_TB2 356335	56.63 0.00 -0.24	56.32 0.00 -0.16	56.10 0.00 -0.07	56.13 0.00 -0.04	56.23 0.11 -0.03	56.39 0.11 -0.13	56.58 0.11 -0.19	56.53 0.17 -0.09	56.62 0.34 -0.25	57.80 0.74 -0.18	58.67 1.13 -1.02	58.66 1.02 -1.06	58.70 1.02 -1.05	59.10 1.25 -1.22	59.21 1.30 -1.27	59.55 1.47 -1.38	66.11 1.51 -1.66	92.60 2.22 -1.64	108.26 2.51 -1.03	100.09 2.22 -1.26	81.90 1.81 -1.46	63.09 1.20 -2.02	62.62 0.90 -1.72	65.15 0.94 -1.44
LUTHERFT_115KV_GLOB_FND_222 355753	69.20 3.66 -9.15	65.69 3.48 -6.05	62.25 3.47 -2.75	61.04 3.48 -1.47	60.63 3.53 -1.00	64.52 3.59 -4.77	66.97 3.49 -7.20	63.28 3.49 -3.52	69.02 3.53 -9.46	67.36 3.58 -6.90	98.47 3.22 -38.72	100.20 3.34 -40.28	99.52 3.28 -39.60	106.15 3.28 -46.23	108.16 3.34 -48.18	112.43 3.46 -52.28	129.88 3.97 -62.98	156.44 5.59 -62.11	150.04 6.49 -38.83	150.35 6.18 -47.55	138.73 5.03 -55.06	140.58 4.19 -76.52	129.22 4.14 -65.08	121.45 4.33 -54.35
LUTHERNY_35_KV_BK2 355980	69.26 3.72 -9.15	65.75 3.54 -6.05	62.31 3.53 -2.75	61.04 3.48 -1.47	60.63 3.53 -1.00	64.52 3.59 -4.77	66.97 3.49 -7.20	63.34 3.55 -3.52	69.02 3.53 -9.46	67.42 3.64 -6.90	98.52 3.28 -38.72	100.20 3.34 -40.28	99.58 3.34 -39.60	106.15 3.28 -46.23	108.21 3.40 -48.18	112.43 3.46 -52.28	129.88 3.97 -62.98	156.53 5.68 -62.11	150.15 6.60 -38.83	150.44 6.28 -47.55	138.73 5.03 -55.06	140.64 4.25 -76.52	129.28 4.20 -65.08	121.52 4.39 -54.35
LWR___OSWEGATCHIE_HYD 23850	54.64 -1.92 -0.17	54.53 -1.74 -0.11	54.40 -1.68 -0.05	54.38 -1.74 -0.03	54.43 -1.68 -0.02	54.39 -1.85 -0.09	54.49 -1.91 -0.14	54.54 -1.80 -0.07	54.59 -1.63 -0.18	55.47 -1.54 -0.13	56.06 -1.19 -0.73	56.04 -1.30 -0.76	56.02 -1.36 -0.75	56.32 -1.19 -0.87	56.41 -1.13 -0.91	56.54 -1.13 -0.98	62.17 -1.95 -1.19	87.34 -2.57 -1.17	102.42 -3.04 -0.73	94.51 -2.99 -0.90	77.16 -2.52 -1.04	59.40 -1.92 -1.44	59.12 -2.10 -1.23	61.41 -2.39 -1.02

LYONS_FALL_HYD 23570	57.30 0.68 -0.24	56.93 0.62 -0.16	56.72 0.62 -0.07	56.75 0.62 -0.04	56.79 0.68 -0.03	57.01 0.73 -0.12	57.19 0.73 -0.19	57.09 0.73 -0.09	57.17 0.89 -0.25	58.36 1.31 -0.18	59.17 1.64 -1.01	59.16 1.53 -1.05	59.20 1.53 -1.03	59.60 1.76 -1.20	59.70 1.81 -1.25	59.92 1.87 -1.36	66.72 2.14 -1.64	93.28 2.92 -1.62	109.08 3.35 -1.01	100.94 3.09 -1.24	82.59 2.52 -1.43	63.66 1.79 -1.99	63.25 1.56 -1.69	65.82 1.63 -1.41
MADISON___COUNTY_LFGE 323628	58.45 1.64 -0.43	57.96 1.52 -0.28	57.67 1.51 -0.13	57.62 1.46 -0.07	57.71 1.57 -0.05	58.06 1.68 -0.22	58.35 1.74 -0.34	58.18 1.74 -0.16	58.27 1.79 -0.44	59.42 2.22 -0.32	60.76 2.43 -1.81	60.78 2.32 -1.88	60.92 2.44 -1.85	61.34 2.55 -2.16	61.49 2.61 -2.25	61.86 2.72 -2.44	69.03 3.15 -2.94	95.90 4.26 -2.90	111.56 5.03 -1.81	103.37 4.54 -2.22	84.99 3.77 -2.57	66.20 2.75 -3.58	65.62 2.58 -3.04	68.20 2.89 -2.54
MALONE___115KV_TB1 356076	55.48 -0.90 0.00	55.59 -0.56 0.00	55.41 -0.62 0.00	55.47 -0.62 0.00	55.31 -0.79 0.00	55.26 -0.90 0.00	54.92 -1.35 0.00	55.32 -0.96 0.00	55.31 -0.73 0.00	55.85 -1.02 0.00	55.50 -1.02 0.00	55.51 -1.08 0.00	55.62 -1.02 0.00	55.39 -1.25 0.00	55.33 -1.30 0.00	55.16 -1.53 0.00	60.86 -2.08 0.00	86.08 -2.66 0.00	101.90 -2.83 0.00	93.91 -2.71 0.00	75.89 -2.75 0.00	57.90 -1.98 0.00	58.08 -1.92 0.00	61.02 -1.76 0.00
MAPLEWOD_115KV_TB3 80458	68.10 2.76 -8.95	64.77 2.70 -5.92	61.46 2.75 -2.69	60.22 2.69 -1.43	59.76 2.69 -0.98	63.58 2.75 -4.67	66.07 2.76 -7.04	62.47 2.76 -3.44	67.97 2.69 -9.25	66.41 2.79 -6.75	97.15 2.77 -37.86	98.68 2.72 -39.38	98.07 2.72 -38.72	104.49 2.66 -45.19	106.40 2.66 -47.10	110.30 2.49 -51.11	127.34 2.83 -61.57	153.37 3.90 -60.73	147.29 4.61 -37.96	147.35 4.25 -46.49	136.01 3.54 -53.83	137.44 2.75 -74.81	126.38 2.76 -63.63	118.92 3.01 -53.13
MAPLE_RIDGE_WT_1 323574	55.71 -0.67 0.00	55.54 -0.62 0.00	55.47 -0.56 0.00	55.53 -0.56 0.00	55.53 -0.56 0.00	55.54 -0.62 0.00	55.60 -0.67 0.00	55.60 -0.67 0.00	55.42 -0.62 0.00	56.08 -0.80 0.00	55.78 -0.74 0.00	55.84 -0.74 0.00	55.84 -0.79 0.00	55.84 -0.79 0.00	55.84 -0.79 0.00	55.90 -0.79 0.00	61.81 -1.13 0.00	87.23 -1.51 0.00	102.94 -1.78 0.00	94.97 -1.64 0.00	77.23 -1.41 0.00	58.85 -1.02 0.00	58.98 -1.02 0.00	61.65 -1.13 0.00
MAPLE_RIDGE_WT_2 323611	55.71 -0.67 0.00	55.54 -0.62 0.00	55.47 -0.56 0.00	55.53 -0.56 0.00	55.53 -0.56 0.00	55.54 -0.62 0.00	55.60 -0.67 0.00	55.60 -0.67 0.00	55.42 -0.62 0.00	56.08 -0.80 0.00	55.78 -0.74 0.00	55.84 -0.74 0.00	55.84 -0.79 0.00	55.84 -0.79 0.00	55.84 -0.79 0.00	55.90 -0.79 0.00	61.81 -1.13 0.00	87.23 -1.51 0.00	102.94 -1.78 0.00	94.97 -1.64 0.00	77.23 -1.41 0.00	58.85 -1.02 0.00	58.98 -1.02 0.00	61.65 -1.13 0.00
MARBLE_RIVER_WT_PWR 323696	55.37 -1.01 0.00	55.48 -0.67 0.00	55.36 -0.67 0.00	55.42 -0.67 0.00	55.25 -0.84 0.00	55.26 -0.90 0.00	54.76 -1.52 0.00	55.15 -1.13 0.00	55.08 -0.95 0.00	55.57 -1.31 0.00	55.16 -1.36 0.00	55.17 -1.41 0.00	55.22 -1.41 0.00	54.99 -1.64 0.00	54.99 -1.64 0.00	54.82 -1.87 0.00	60.67 -2.26 0.00	85.81 -2.93 0.00	101.48 -3.25 0.00	93.52 -3.10 0.00	75.73 -2.91 0.00	57.78 -2.10 0.00	57.96 -2.04 0.00	61.21 -1.57 0.00
MARSHVLE_115KV_TB1 80742	70.75 3.89 -10.47	66.79 3.71 -6.93	62.82 3.64 -3.15	61.47 3.70 -1.68	60.99 3.76 -1.14	65.49 3.87 -5.46	68.23 3.71 -8.24	64.13 3.83 -4.03	70.83 3.98 -10.82	68.87 4.10 -7.90	104.49 3.67 -44.30	106.57 3.90 -46.08	105.79 3.85 -45.30	113.42 3.91 -52.88	115.83 4.08 -55.11	120.86 4.37 -59.80	140.27 5.29 -72.04	167.43 7.63 -71.05	157.94 8.80 -44.42	159.41 8.41 -54.40	148.31 6.68 -62.99	153.21 5.81 -87.53	139.96 5.52 -74.45	130.72 5.78 -62.17
MARSH_HILL_WT_PWR 323713	56.85 -1.01 -1.48	55.62 -1.51 -0.98	54.68 -1.80 -0.44	54.59 -1.74 -0.24	54.68 -1.57 -0.16	55.69 -1.24 -0.77	56.48 -0.96 -1.16	55.88 -0.96 -0.57	56.17 -1.40 -1.53	57.37 -0.62 -1.12	61.54 -1.24 -6.26	61.85 -1.25 -6.51	61.96 -1.08 -6.40	63.03 -1.08 -7.47	63.29 -1.13 -7.79	64.18 -0.96 -8.45	72.93 -0.19 -10.18	98.78 0.00 -10.04	111.00 0.00 -6.28	104.30 0.00 -7.69	87.86 0.32 -8.90	72.36 0.12 -12.37	70.70 0.18 -10.52	72.25 0.69 -8.79
MCINTYRE_115KV_TB2 80467	55.09 -1.30 0.00	55.26 -0.90 0.00	55.19 -0.84 0.00	55.25 -0.84 0.00	55.14 -0.95 0.00	55.03 -1.12 0.00	54.98 -1.29 0.00	55.09 -1.18 0.00	55.03 -1.01 0.00	55.62 -1.25 0.00	55.56 -0.96 0.00	55.56 -1.02 0.00	55.50 -1.13 0.00	55.62 -1.02 0.00	55.62 -1.02 0.00	55.50 -1.19 0.00	60.36 -2.58 0.00	85.19 -3.55 0.00	100.64 -4.08 0.00	92.75 -3.86 0.00	75.26 -3.38 0.00	57.60 -2.28 0.00	57.60 -2.40 0.00	59.89 -2.89 0.00
MECO_____69_KV_BK1 80468	73.00 6.54 -10.07	69.05 6.23 -6.66	65.22 6.16 -3.03	63.93 6.23 -1.61	63.36 6.17 -1.10	67.81 6.40 -5.25	70.67 6.47 -7.93	66.73 6.58 -3.87	73.22 6.78 -10.41	71.18 6.71 -7.60	104.95 5.82 -42.61	107.18 6.28 -44.32	106.32 6.12 -43.57	113.62 6.12 -50.86	116.16 6.51 -53.01	121.13 6.92 -57.52	140.41 8.18 -69.30	168.80 11.71 -68.34	161.06 13.61 -42.72	161.98 13.04 -52.32	149.61 10.38 -60.59	153.11 9.04 -84.19	140.24 8.64 -71.61	131.74 9.17 -59.80
MENANDS___115KV_TB5 355628	67.85 2.54 -8.93	64.59 2.53 -5.91	61.29 2.58 -2.68	60.05 2.52 -1.43	59.65 2.58 -0.98	63.40 2.58 -4.66	65.89 2.59 -7.03	62.30 2.59 -3.43	67.79 2.52 -9.23	66.23 2.62 -6.74	96.91 2.60 -37.79	98.43 2.55 -39.31	97.83 2.55 -38.64	104.24 2.49 -45.11	106.08 2.44 -47.01	109.91 2.21 -51.01	126.85 2.45 -61.45	152.81 3.46 -60.61	146.59 3.98 -37.89	146.78 3.77 -46.40	135.44 3.07 -53.73	136.93 2.39 -74.66	125.90 2.40 -63.50	118.57 2.76 -53.03
MG INDUSTRY___DRP 24185	67.54 2.42 -8.74	64.35 2.41 -5.78	61.06 2.41 -2.62	59.90 2.41 -1.40	59.51 2.47 -0.95	63.18 2.47 -4.56	65.57 2.42 -6.88	62.05 2.42 -3.36	67.42 2.35 -9.03	65.85 2.39 -6.59	95.79 2.32 -36.96	97.29 2.26 -38.44	96.69 2.27 -37.79	102.96 2.21 -44.11	104.82 2.21 -45.98	108.62 2.04 -49.89	125.30 2.27 -60.10	151.03 3.02 -59.27	145.23 3.46 -37.06	145.28 3.28 -45.38	133.94 2.75 -52.55	135.11 2.22 -73.02	124.44 2.34 -62.11	117.28 2.64 -51.86
MID___OSWEGATCHIE_HYD 23849	54.64 -1.92 -0.17	54.53 -1.74 -0.11	54.40 -1.68 -0.05	54.38 -1.74 -0.03	54.43 -1.68 -0.02	54.39 -1.85 -0.09	54.49 -1.91 -0.14	54.54 -1.80 -0.07	54.59 -1.63 -0.18	55.47 -1.54 -0.13	56.06 -1.19 -0.73	56.04 -1.30 -0.76	56.02 -1.36 -0.75	56.32 -1.19 -0.87	56.41 -1.13 -0.91	56.54 -1.13 -0.98	62.17 -1.95 -1.19	87.34 -2.57 -1.17	102.42 -3.04 -0.73	94.51 -2.99 -0.90	77.16 -2.52 -1.04	59.40 -1.92 -1.44	59.12 -2.10 -1.23	61.41 -2.39 -1.02
MID___RAQUETTE_HYD 23851	53.85 -2.54 0.00	53.97 -2.19 0.00	53.90 -2.13 0.00	53.90 -2.19 0.00	53.85 -2.24 0.00	53.63 -2.53 0.00	53.57 -2.70 0.00	53.74 -2.53 0.00	53.63 -2.41 0.00	54.20 -2.67 0.00	54.09 -2.43 0.00	54.09 -2.49 0.00	54.03 -2.61 0.00	54.09 -2.55 0.00	54.09 -2.55 0.00	54.03 -2.66 0.00	58.66 -4.28 0.00	82.80 -5.95 0.00	97.92 -6.81 0.00	90.14 -6.47 0.00	73.06 -5.58 0.00	55.98 -3.89 0.00	56.16 -3.84 0.00	58.26 -4.52 0.00

MILLIKEN___1 23584	59.03 1.18 -1.46	57.97 0.84 -0.97	57.25 0.78 -0.44	57.11 0.79 -0.23	57.09 0.84 -0.16	57.87 0.95 -0.76	58.55 1.13 -1.15	58.02 1.18 -0.56	58.61 1.06 -1.51	59.40 1.42 -1.10	64.12 1.41 -6.19	64.49 1.47 -6.44	64.50 1.53 -6.33	65.55 1.53 -7.39	65.92 1.59 -7.70	66.81 1.76 -8.36	75.46 2.45 -10.07	102.22 3.55 -9.93	115.33 4.40 -6.21	108.17 3.96 -7.60	90.67 3.22 -8.80	74.32 2.22 -12.23	72.50 2.10 -10.40	73.79 2.32 -8.69
MILLIKEN___2 23585	59.03 1.18 -1.46	57.97 0.84 -0.97	57.25 0.78 -0.44	57.11 0.79 -0.23	57.09 0.84 -0.16	57.87 0.95 -0.76	58.55 1.13 -1.15	58.02 1.18 -0.56	58.61 1.06 -1.51	59.40 1.42 -1.10	64.12 1.41 -6.19	64.49 1.47 -6.44	64.50 1.53 -6.33	65.55 1.53 -7.39	65.92 1.59 -7.70	66.81 1.76 -8.36	75.46 2.45 -10.07	102.22 3.55 -9.93	115.33 4.40 -6.21	108.17 3.96 -7.60	90.67 3.22 -8.80	74.32 2.22 -12.23	72.50 2.10 -10.40	73.79 2.32 -8.69
MILLIKEN___DIESEL 23629	59.03 1.18 -1.46	57.97 0.84 -0.97	57.25 0.78 -0.44	57.11 0.79 -0.23	57.09 0.84 -0.16	57.87 0.95 -0.76	58.55 1.13 -1.15	58.02 1.18 -0.56	58.61 1.06 -1.51	59.40 1.42 -1.10	64.12 1.41 -6.19	64.49 1.47 -6.44	64.50 1.53 -6.33	65.55 1.53 -7.39	65.92 1.59 -7.70	66.81 1.76 -8.36	75.46 2.45 -10.07	102.22 3.55 -9.93	115.33 4.40 -6.21	108.17 3.96 -7.60	90.67 3.22 -8.80	74.32 2.22 -12.23	72.50 2.10 -10.40	73.79 2.32 -8.69
MILLSEAT___LFGE 323607	54.53 -2.87 -1.02	53.18 -3.65 -0.67	52.30 -4.03 -0.31	52.33 -3.93 -0.16	52.44 -3.76 -0.11	53.15 -3.54 -0.53	53.81 -3.27 -0.80	53.46 -3.21 -0.39	53.22 -3.87 -1.05	54.80 -2.84 -0.77	57.04 -3.79 -4.31	57.27 -3.79 -4.48	57.30 -3.74 -4.41	58.16 -3.63 -5.15	58.32 -3.68 -5.36	58.83 -3.68 -5.82	66.67 -3.28 -7.01	90.95 -4.71 -6.91	102.87 -6.18 -4.32	96.50 -5.41 -5.29	80.84 -3.93 -6.13	65.52 -2.87 -8.52	64.54 -2.70 -7.24	66.88 -1.95 -6.05
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	67.59 4.06 -7.14	64.70 3.82 -4.73	61.93 3.75 -2.15	60.94 3.70 -1.15	60.52 3.65 -0.78	63.70 3.82 -3.73	65.89 4.00 -5.62	63.13 4.11 -2.75	67.73 4.31 -7.38	66.87 4.61 -5.39	91.26 4.52 -30.22	92.72 4.70 -31.44	92.30 4.76 -30.91	97.53 4.81 -36.08	99.00 4.76 -37.60	102.79 4.93 -41.16	117.88 5.60 -49.34	145.38 8.16 -48.48	144.66 9.63 -30.30	142.62 8.89 -37.12	128.85 7.23 -42.97	125.11 5.33 -59.91	116.30 5.46 -50.84	110.65 5.46 -42.41
MILLWOOD_13_KV_LOAD 356217	67.76 4.23 -7.14	64.81 3.93 -4.73	61.99 3.81 -2.15	61.05 3.81 -1.15	60.57 3.70 -0.78	63.70 3.82 -3.73	66.00 4.11 -5.62	63.24 4.22 -2.75	67.90 4.48 -7.38	66.98 4.72 -5.39	91.38 4.63 -30.22	92.83 4.81 -31.44	92.41 4.87 -30.91	97.64 4.93 -36.08	99.17 4.93 -37.60	102.96 5.10 -41.16	118.07 5.79 -49.34	145.56 8.34 -48.48	144.98 9.95 -30.30	142.91 9.18 -37.12	129.16 7.55 -42.97	125.35 5.57 -59.91	116.42 5.58 -50.84	110.78 5.59 -42.41
MODEL_CITY_ENERGY 24167	52.94 -4.51 -1.07	51.64 -5.22 -0.71	50.80 -5.55 -0.32	50.77 -5.49 -0.17	50.88 -5.33 -0.12	51.60 -5.11 -0.56	52.16 -4.95 -0.84	51.79 -4.90 -0.41	51.48 -5.66 -1.10	52.96 -4.72 -0.81	55.22 -5.82 -4.52	55.40 -5.89 -4.70	55.54 -5.72 -4.62	56.31 -5.72 -5.39	56.48 -5.78 -5.62	57.07 -5.72 -6.10	64.69 -5.60 -7.35	87.74 -8.25 -7.25	98.68 -10.57 -4.53	92.89 -9.28 -5.55	78.07 -7.00 -6.43	63.71 -5.09 -8.93	62.85 -4.74 -7.59	65.17 -3.95 -6.34
MODERN_LFGE___ 323580	52.94 -4.51 -1.07	51.64 -5.22 -0.71	50.80 -5.55 -0.32	50.77 -5.49 -0.17	50.88 -5.33 -0.12	51.60 -5.11 -0.56	52.16 -4.95 -0.84	51.79 -4.90 -0.41	51.48 -5.66 -1.10	52.96 -4.72 -0.81	55.22 -5.82 -4.52	55.40 -5.89 -4.70	55.54 -5.72 -4.62	56.31 -5.72 -5.39	56.48 -5.78 -5.62	57.07 -5.72 -6.10	64.69 -5.60 -7.35	87.74 -8.25 -7.25	98.68 -10.57 -4.53	92.89 -9.28 -5.55	78.07 -7.00 -6.43	63.71 -5.09 -8.93	62.85 -4.74 -7.59	65.17 -3.95 -6.34
MOHAWK_PAPER___DRP 24187	68.10 2.76 -8.95	64.77 2.70 -5.92	61.46 2.75 -2.69	60.22 2.69 -1.43	59.76 2.69 -0.98	63.58 2.75 -4.67	66.07 2.76 -7.04	62.47 2.76 -3.44	67.97 2.69 -9.25	66.41 2.79 -6.75	97.15 2.77 -37.86	98.68 2.72 -39.38	98.07 2.72 -38.72	104.49 2.66 -45.19	106.40 2.66 -47.10	110.30 2.49 -51.11	127.34 2.83 -61.57	153.37 3.90 -60.73	147.29 4.61 -37.96	147.35 4.25 -46.49	136.01 3.54 -53.83	137.44 2.75 -74.81	126.38 2.76 -63.63	118.92 3.01 -53.13
MOHICAN___35_KV_115KV_LD 80490	69.94 4.40 -9.16	66.37 4.16 -6.06	62.93 4.15 -2.75	61.65 4.09 -1.47	61.24 4.15 -1.00	65.20 4.27 -4.78	67.48 4.00 -7.21	63.85 4.05 -3.52	69.54 4.03 -9.47	67.88 4.10 -6.91	98.78 3.50 -38.76	100.63 3.73 -40.32	99.90 3.62 -39.63	106.47 3.57 -46.27	108.54 3.68 -48.22	112.81 3.80 -52.32	130.38 4.41 -63.03	157.30 6.39 -62.17	151.02 7.44 -38.86	151.26 7.05 -47.59	139.41 5.66 -55.11	141.61 5.15 -76.58	130.11 4.98 -65.14	122.38 5.21 -54.39
MONGAUP___HYD 23641	65.80 2.82 -6.60	63.05 2.53 -4.37	60.37 2.35 -1.98	59.50 2.36 -1.06	59.11 2.30 -0.72	62.07 2.47 -3.44	63.89 2.42 -5.20	61.17 2.36 -2.54	65.32 2.46 -6.82	64.41 2.56 -4.98	86.87 2.43 -27.92	88.23 2.60 -29.05	87.80 2.61 -28.55	92.69 2.72 -33.33	94.15 2.77 -34.74	97.50 3.06 -37.75	111.96 3.59 -45.44	139.12 5.59 -44.79	139.43 6.71 -28.00	137.09 6.19 -34.29	123.22 4.88 -39.70	118.70 3.59 -55.23	110.54 3.60 -46.95	105.54 3.58 -39.19
MONTAUK___DIESEL 23721	72.17 8.29 -7.50	68.85 7.92 -4.77	69.81 7.84 -5.93	64.82 7.57 -1.15	64.67 7.80 -0.79	68.65 8.03 -4.46	74.87 8.27 -10.32	76.63 8.22 -12.15	80.08 8.24 -15.80	79.83 8.82 -14.14	95.33 8.36 -30.44	96.57 8.32 -31.67	96.26 8.50 -31.13	101.64 8.67 -36.34	116.39 8.61 -51.14	133.38 8.73 -67.96	149.35 10.26 -76.15	158.23 14.91 -54.58	159.05 17.59 -36.73	157.92 16.23 -45.08	153.68 13.13 -61.91	152.38 10.06 -82.45	145.25 9.96 -75.29	126.90 10.17 -53.96
MOONROAD_115KV_HARTFLD_TB1-2 355988	53.62 -4.00 -1.24	51.53 -5.45 -0.82	50.97 -5.43 -0.37	51.58 -4.71 -0.20	51.23 -4.99 -0.14	52.14 -4.66 -0.65	53.48 -3.77 -0.97	52.25 -4.50 -0.48	52.05 -5.27 -1.28	53.31 -4.49 -0.93	56.61 -5.14 -5.23	56.93 -5.09 -5.44	56.95 -5.04 -5.35	57.84 -5.04 -6.25	57.94 -5.21 -6.51	58.71 -5.05 -7.06	66.79 -4.66 -8.51	91.01 -6.12 -8.39	102.12 -7.85 -5.25	96.27 -6.76 -6.43	81.28 -4.80 -7.44	66.62 -3.59 -10.34	65.43 -3.36 -8.79	67.99 -2.13 -7.34
MORTIMER_115KV_TB3 55949	55.62 -1.64 -0.87	54.38 -2.36 -0.58	53.88 -2.41 -0.26	53.87 -2.36 -0.14	53.94 -2.24 -0.10	54.53 -2.08 -0.46	55.05 -1.91 -0.69	54.81 -1.80 -0.34	54.70 -2.24 -0.90	55.94 -1.59 -0.66	58.23 -1.98 -3.69	58.44 -1.98 -3.84	58.54 -1.87 -3.78	59.23 -1.81 -4.41	59.36 -1.87 -4.59	59.86 -1.81 -4.99	67.50 -1.45 -6.01	92.53 -2.13 -5.92	105.49 -2.93 -3.70	98.63 -2.51 -4.53	82.16 -1.73 -5.25	65.85 -1.32 -7.30	64.88 -1.32 -6.21	67.14 -0.82 -5.18
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	68.26 4.68 -7.20	65.30 4.38 -4.76	62.45 4.26 -2.16	61.51 4.26 -1.15	61.08 4.21 -0.79	64.24 4.32 -3.75	66.50 4.56 -5.67	63.71 4.67 -2.77	68.41 4.93 -7.44	67.55 5.23 -5.44	92.06 5.09 -30.46	93.54 5.26 -31.70	93.18 5.38 -31.16	98.46 5.44 -36.38	100.01 5.38 -38.00	112.99 5.56 -50.75	123.95 6.36 -54.66	146.66 9.05 -48.87	145.96 10.68 -30.56	143.89 9.85 -37.43	130.07 8.10 -43.33	128.35 5.99 -62.49	117.57 6.12 -51.46	111.67 6.15 -42.74

MUNSVILLE_WIND_PWR 323609	62.81 4.17 -2.26	61.64 3.99 -1.49	60.69 3.98 -0.68	60.27 3.82 -0.36	60.26 3.93 -0.25	61.60 4.27 -1.18	62.49 4.44 -1.78	61.64 4.50 -0.87	62.79 4.43 -2.33	63.75 5.17 -1.70	71.50 5.43 -9.55	71.95 5.43 -9.94	71.84 5.44 -9.77	73.59 5.55 -11.40	74.24 5.72 -11.89	75.54 5.95 -12.90	85.90 7.42 -15.54	114.53 10.47 -15.32	126.65 12.35 -9.58	119.45 11.11 -11.73	101.42 9.20 -13.58	85.45 6.70 -18.88	82.48 6.42 -16.06	83.46 7.28 -13.41
N SALMON___HYD 24042	55.48 -0.90 0.00	55.54 -0.62 0.00	55.41 -0.62 0.00	55.48 -0.62 0.00	55.31 -0.79 0.00	55.26 -0.90 0.00	54.92 -1.35 0.00	55.32 -0.96 0.00	55.30 -0.73 0.00	55.85 -1.02 0.00	55.50 -1.02 0.00	55.50 -1.08 0.00	55.62 -1.02 0.00	55.39 -1.25 0.00	55.34 -1.30 0.00	55.16 -1.53 0.00	60.86 -2.08 0.00	86.08 -2.66 0.00	101.90 -2.82 0.00	93.91 -2.70 0.00	75.88 -2.75 0.00	57.90 -1.97 0.00	58.08 -1.92 0.00	61.02 -1.76 0.00
N.AKRON___115KV_KNAPP 355671	54.48 -2.93 -1.03	52.85 -3.99 -0.68	52.30 -4.03 -0.31	52.33 -3.93 -0.16	52.44 -3.76 -0.11	53.15 -3.54 -0.54	53.76 -3.32 -0.81	53.46 -3.21 -0.39	53.17 -3.92 -1.06	54.58 -3.07 -0.77	57.02 -3.84 -4.34	57.25 -3.85 -4.51	57.34 -3.74 -4.44	58.14 -3.68 -5.18	58.30 -3.74 -5.40	58.81 -3.74 -5.86	66.66 -3.34 -7.06	90.91 -4.79 -6.96	102.69 -6.39 -4.35	96.43 -5.51 -5.33	80.80 -4.01 -6.17	65.51 -2.93 -8.58	64.53 -2.76 -7.29	66.92 -1.95 -6.09
N.BELMOR_69_KV_BK1 55787	69.41 5.53 -7.50	66.15 5.22 -4.77	67.06 5.10 -5.93	62.18 4.94 -1.15	61.87 4.99 -0.79	65.78 5.17 -4.46	72.00 5.40 -10.32	73.93 5.51 -12.15	77.55 5.72 -15.80	77.10 6.09 -14.14	92.73 5.77 -30.44	94.08 5.83 -31.67	93.77 6.00 -31.13	99.15 6.17 -36.34	113.95 6.17 -51.14	131.00 6.35 -67.96	146.39 7.30 -76.15	153.88 10.56 -54.58	153.81 12.36 -36.73	153.19 11.50 -45.08	149.90 9.36 -61.91	149.38 7.06 -82.45	142.37 7.08 -75.29	123.89 7.16 -53.96
N.E_GEN_SANDY PD 24062	67.96 3.38 -8.20	64.89 3.31 -5.42	61.80 3.30 -2.46	60.60 3.20 -1.31	60.24 3.25 -0.90	63.80 3.37 -4.27	66.10 3.38 -6.45	62.80 3.38 -3.15	68.10 3.36 -8.70	66.41 3.59 -5.95	94.70 3.51 -34.67	96.10 3.45 -36.07	95.55 3.46 -35.46	101.54 3.51 -41.39	103.23 3.46 -43.14	107.07 3.57 -46.81	123.36 4.03 -56.39	150.04 5.68 -55.62	146.09 6.60 -34.77	145.28 6.09 -42.58	132.98 5.04 -49.30	131.98 3.59 -68.51	121.93 3.66 -58.27	115.08 3.64 -48.66
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	67.17 3.83 -6.95	64.35 3.59 -4.60	61.59 3.47 -2.09	60.63 3.42 -1.11	60.27 3.42 -0.76	63.38 3.59 -3.62	65.51 3.77 -5.47	62.77 3.83 -2.67	67.25 4.03 -7.18	66.44 4.32 -5.24	90.28 4.35 -29.40	91.69 4.53 -30.59	91.29 4.59 -30.07	96.32 4.59 -35.10	97.75 4.53 -36.58	101.36 4.71 -39.96	116.19 5.29 -47.96	143.71 7.81 -47.16	143.32 9.11 -29.48	141.22 8.50 -36.11	127.37 6.92 -41.81	123.20 5.09 -58.24	114.73 5.28 -49.45	109.38 5.34 -41.26
N.QUEENS_27_KV_LOAD 356247	68.78 5.19 -7.21	65.92 5.00 -4.77	63.02 4.82 -2.17	61.80 4.54 -1.16	61.71 4.82 -0.79	64.86 4.94 -3.76	67.18 5.23 -5.67	64.11 5.06 -2.77	68.63 5.16 -7.44	67.83 5.52 -5.44	92.46 5.48 -30.46	93.94 5.66 -31.70	93.57 5.78 -31.16	98.89 5.89 -36.36	100.39 5.78 -37.97	110.70 5.95 -48.05	122.90 6.73 -53.23	147.28 9.67 -48.87	146.48 11.21 -30.55	144.47 10.43 -37.42	130.53 8.57 -43.32	128.49 6.41 -62.21	117.90 6.48 -51.43	112.05 6.53 -42.75
N.TROY___115KV_TB1 355778	68.32 2.93 -9.01	64.98 2.86 -5.96	61.65 2.91 -2.71	60.34 2.80 -1.44	59.94 2.86 -0.98	63.77 2.92 -4.70	66.23 2.87 -7.09	62.60 2.87 -3.46	68.20 2.86 -9.31	66.62 2.96 -6.79	97.44 2.83 -38.10	99.04 2.83 -39.63	98.43 2.83 -38.96	104.89 2.78 -45.48	106.87 2.83 -47.40	110.96 2.83 -51.43	128.11 3.21 -61.96	154.37 4.53 -61.11	148.16 5.24 -38.20	148.32 4.93 -46.78	136.82 4.01 -54.17	138.26 3.11 -75.28	127.08 3.06 -64.02	119.44 3.20 -53.47
NARROWS_GT1_1 24228	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.13 4.88 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	68.00 5.69 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.68 6.74 -54.00	147.81 10.20 -48.87	147.21 11.93 -30.56	145.04 11.01 -37.42	130.77 8.81 -43.32	128.56 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75
NARROWS_GT1_2 24229	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.13 4.88 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	68.00 5.69 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.68 6.74 -54.00	147.81 10.20 -48.87	147.21 11.93 -30.56	145.04 11.01 -37.42	130.77 8.81 -43.32	128.56 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75
NARROWS_GT1_3 24230	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.13 4.88 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	68.00 5.69 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.68 6.74 -54.00	147.81 10.20 -48.87	147.21 11.93 -30.56	145.04 11.01 -37.42	130.77 8.81 -43.32	128.56 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75
NARROWS_GT1_4 24231	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.13 4.88 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	68.00 5.69 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.68 6.74 -54.00	147.81 10.20 -48.87	147.21 11.93 -30.56	145.04 11.01 -37.42	130.77 8.81 -43.32	128.56 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75
NARROWS_GT1_5 24232	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.13 4.88 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	68.00 5.69 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.68 6.74 -54.00	147.81 10.20 -48.87	147.21 11.93 -30.56	145.04 11.01 -37.42	130.77 8.81 -43.32	128.56 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75
NARROWS_GT1_6 24233	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.13 4.88 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	68.00 5.69 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.68 6.74 -54.00	147.81 10.20 -48.87	147.21 11.93 -30.56	145.04 11.01 -37.42	130.77 8.81 -43.32	128.56 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75
NARROWS_GT1_7 24234	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.13 4.88 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	68.00 5.69 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.68 6.74 -54.00	147.81 10.20 -48.87	147.21 11.93 -30.56	145.04 11.01 -37.42	130.77 8.81 -43.32	128.56 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75

NARROWS_GT1_8 24235	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.13 4.88 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	68.00 5.69 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.68 6.74 -54.00	147.81 10.20 -48.87	147.21 11.93 -30.56	145.04 11.01 -37.42	130.77 8.81 -43.32	128.56 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75
NARROWS_GT2_1 24236	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.13 4.88 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	68.00 5.69 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.68 6.74 -54.00	147.81 10.20 -48.87	147.21 11.93 -30.56	145.04 11.01 -37.42	130.77 8.81 -43.32	128.56 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75
NARROWS_GT2_2 24237	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.13 4.88 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	68.00 5.69 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.68 6.74 -54.00	147.81 10.20 -48.87	147.21 11.93 -30.56	145.04 11.01 -37.42	130.77 8.81 -43.32	128.56 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75
NARROWS_GT2_3 24238	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.13 4.88 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	68.00 5.69 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.68 6.74 -54.00	147.81 10.20 -48.87	147.21 11.93 -30.56	145.04 11.01 -37.42	130.77 8.81 -43.32	128.56 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75
NARROWS_GT2_4 24239	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.13 4.88 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	68.00 5.69 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.68 6.74 -54.00	147.81 10.20 -48.87	147.21 11.93 -30.56	145.04 11.01 -37.42	130.77 8.81 -43.32	128.56 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75
NARROWS_GT2_5 24240	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.13 4.88 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	68.00 5.69 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.68 6.74 -54.00	147.81 10.20 -48.87	147.21 11.93 -30.56	145.04 11.01 -37.42	130.77 8.81 -43.32	128.56 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75
NARROWS_GT2_6 24241	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.13 4.88 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	68.00 5.69 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.68 6.74 -54.00	147.81 10.20 -48.87	147.21 11.93 -30.56	145.04 11.01 -37.42	130.77 8.81 -43.32	128.56 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75
NARROWS_GT2_7 24242	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.13 4.88 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	68.00 5.69 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.68 6.74 -54.00	147.81 10.20 -48.87	147.21 11.93 -30.56	145.04 11.01 -37.42	130.77 8.81 -43.32	128.56 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75
NARROWS_GT2_8 24243	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.13 4.88 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	68.00 5.69 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.68 6.74 -54.00	147.81 10.20 -48.87	147.21 11.93 -30.56	145.04 11.01 -37.42	130.77 8.81 -43.32	128.56 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	67.67 2.88 -8.41	64.64 2.92 -5.56	61.47 2.91 -2.53	60.35 2.92 -1.35	59.98 2.97 -0.92	63.57 3.03 -4.38	65.70 2.81 -6.62	62.21 2.70 -3.23	67.24 2.52 -8.69	65.55 2.33 -6.34	94.34 2.26 -35.56	95.83 2.26 -36.99	95.15 2.15 -36.36	101.12 2.04 -42.45	103.03 2.15 -44.24	106.62 1.93 -48.00	122.97 2.20 -57.83	148.26 2.48 -57.04	143.42 3.04 -35.66	143.18 2.90 -43.67	131.40 2.20 -50.56	131.99 1.86 -70.26	122.16 2.40 -59.76	115.51 2.82 -49.90
NCHELSEA_115KV_TR2 355582	68.09 4.51 -7.20	65.13 4.21 -4.76	62.28 4.09 -2.16	61.34 4.09 -1.15	60.86 3.98 -0.79	64.06 4.16 -3.75	66.16 4.22 -5.66	63.20 4.16 -2.77	67.90 4.43 -7.44	66.85 4.55 -5.43	91.48 4.52 -30.44	92.94 4.70 -31.67	92.47 4.70 -31.13	97.79 4.81 -36.34	99.38 4.87 -37.87	102.83 5.05 -41.09	118.23 5.79 -49.51	146.18 8.61 -48.83	145.61 10.37 -30.52	143.46 9.47 -37.38	129.55 7.63 -43.28	125.71 5.69 -60.15	116.80 5.64 -51.16	111.21 5.71 -42.72
NEG CAPITAL___MECHNVIL 23645	69.21 3.72 -9.11	65.72 3.54 -6.02	62.30 3.53 -2.74	61.03 3.48 -1.46	60.62 3.54 -1.00	64.50 3.60 -4.75	66.99 3.55 -7.17	63.32 3.55 -3.50	69.04 3.59 -9.41	67.39 3.64 -6.87	98.39 3.33 -38.53	100.06 3.39 -40.08	99.44 3.40 -39.40	105.98 3.34 -46.00	107.98 3.40 -47.94	112.23 3.52 -52.02	129.64 4.03 -62.67	156.31 5.76 -61.81	150.07 6.71 -38.64	150.21 6.28 -47.32	138.54 5.11 -54.79	140.26 4.25 -76.14	128.89 4.14 -64.76	121.18 4.33 -54.08
NEG CENTRAL_HIGH_ACRES 23767	54.97 -2.26 -0.85	54.02 -2.69 -0.56	53.37 -2.92 -0.25	53.37 -2.86 -0.14	53.38 -2.80 -0.09	53.96 -2.64 -0.44	54.46 -2.47 -0.67	54.18 -2.42 -0.33	54.22 -2.69 -0.88	55.52 -1.99 -0.64	57.78 -2.32 -3.58	57.99 -2.32 -3.73	58.09 -2.21 -3.66	58.70 -2.21 -4.28	58.89 -2.21 -4.46	59.38 -2.15 -4.84	66.88 -1.89 -5.83	91.83 -2.66 -5.75	104.96 -3.36 -3.59	98.02 -3.00 -4.40	81.45 -2.28 -5.10	65.10 -1.86 -7.08	64.16 -1.86 -6.02	66.24 -1.57 -5.03
NEG CENTRAL___DRP 24199	57.21 -0.11 -0.94	56.22 -0.56 -0.62	55.70 -0.62 -0.28	55.57 -0.67 -0.15	55.63 -0.56 -0.10	56.25 -0.39 -0.49	56.79 -0.23 -0.74	56.47 -0.17 -0.36	56.67 -0.34 -0.97	57.70 0.11 -0.71	60.50 0.00 -3.98	60.72 0.00 -4.14	60.76 0.06 -4.07	61.45 0.06 -4.75	61.70 0.11 -4.95	62.35 0.28 -5.38	70.23 0.82 -6.48	96.46 1.33 -6.39	110.39 1.68 -3.99	102.95 1.45 -4.89	85.48 1.18 -5.66	68.46 0.72 -7.87	67.35 0.66 -6.69	69.18 0.82 -5.59
NEG CENTRAL___INDECK 23768	57.97 0.34 -1.24	56.64 -0.33 -0.82	55.73 -0.67 -0.37	55.73 -0.56 -0.20	55.78 -0.45 -0.14	56.58 -0.22 -0.65	57.42 0.17 -0.98	57.03 0.28 -0.48	57.09 -0.22 -1.28	58.50 0.68 -0.94	61.77 0.00 -5.25	62.04 0.00 -5.46	62.18 0.17 -5.37	62.96 0.06 -6.27	63.17 0.00 -6.53	64.18 0.40 -7.09	72.86 1.38 -8.54	99.56 2.40 -8.42	112.71 2.72 -5.27	105.67 2.61 -6.45	88.39 2.28 -7.47	71.80 1.55 -10.38	70.26 1.44 -8.83	72.10 1.95 -7.37



NEG CENTRAL___SENECA 23627	57.54 0.11 -1.04	56.40 -0.45 -0.69	55.84 -0.50 -0.31	55.70 -0.56 -0.17	55.76 -0.45 -0.11	56.48 -0.22 -0.54	57.15 0.06 -0.82	56.73 0.06 -0.40	56.89 -0.22 -1.08	58.00 0.34 -0.79	61.10 0.17 -4.41	61.34 0.17 -4.59	61.38 0.23 -4.51	62.13 0.23 -5.27	62.41 0.28 -5.49	63.10 0.45 -5.96	71.25 1.13 -7.18	97.69 1.86 -7.08	111.45 2.30 -4.43	103.96 1.93 -5.42	86.57 1.65 -6.28	69.67 1.08 -8.72	68.38 0.96 -7.42	70.23 1.26 -6.20
NEG CENTRAL___STATE_STREET 24147	57.36 0.06 -0.92	56.48 -0.28 -0.61	55.97 -0.34 -0.28	55.90 -0.34 -0.15	55.91 -0.28 -0.10	56.47 -0.17 -0.48	57.00 0.00 -0.72	56.68 0.06 -0.35	56.99 0.00 -0.95	58.02 0.46 -0.69	60.81 0.40 -3.89	61.08 0.45 -4.05	61.07 0.45 -3.98	61.79 0.51 -4.65	61.99 0.51 -4.85	62.57 0.62 -5.26	70.34 1.07 -6.33	96.59 1.60 -6.25	110.72 2.09 -3.90	103.23 1.84 -4.78	85.59 1.42 -5.54	68.47 0.90 -7.70	67.32 0.78 -6.54	69.12 0.88 -5.47
NEG MILLWOOD___DRP 24198	68.44 4.79 -7.26	65.40 4.44 -4.80	62.47 4.26 -2.18	61.57 4.32 -1.16	60.92 4.04 -0.79	64.10 4.16 -3.79	66.38 4.39 -5.72	63.62 4.56 -2.79	68.36 4.82 -7.51	67.42 5.06 -5.48	92.28 5.03 -30.73	93.70 5.15 -31.97	93.27 5.21 -31.42	98.53 5.21 -36.68	100.19 5.32 -38.23	103.67 5.50 -41.48	119.27 6.36 -49.98	147.17 9.14 -49.29	146.85 11.31 -30.81	144.68 10.34 -37.73	130.75 8.41 -43.69	126.76 6.17 -60.72	117.70 6.06 -51.64	111.99 6.09 -43.12
NEG NORTH_FLCN_SEA 23793	55.99 -0.39 0.00	56.16 0.00 0.00	55.92 -0.11 0.00	55.98 -0.11 0.00	55.75 -0.34 0.00	55.76 -0.39 0.00	54.98 -1.29 0.00	55.37 -0.90 0.00	55.36 -0.67 0.00	55.91 -0.97 0.00	55.45 -1.07 0.00	55.39 -1.19 0.00	55.50 -1.13 0.00	55.28 -1.36 0.00	55.22 -1.42 0.00	55.05 -1.64 0.00	60.99 -1.95 0.00	86.35 -2.40 0.00	102.21 -2.51 0.00	94.10 -2.51 0.00	76.20 -2.44 0.00	58.08 -1.80 0.00	58.32 -1.68 0.00	61.90 -0.88 0.00
NEG NORTH_KES_CHATEGAY 23792	55.48 -0.90 0.00	55.65 -0.51 0.00	55.41 -0.62 0.00	55.47 -0.62 0.00	55.31 -0.79 0.00	55.31 -0.84 0.00	54.87 -1.41 0.00	55.20 -1.07 0.00	55.19 -0.84 0.00	55.68 -1.19 0.00	55.28 -1.24 0.00	55.22 -1.36 0.00	55.33 -1.30 0.00	55.11 -1.53 0.00	55.05 -1.59 0.00	54.93 -1.76 0.00	60.80 -2.14 0.00	85.99 -2.75 0.00	101.69 -3.04 0.00	93.71 -2.90 0.00	75.89 -2.75 0.00	57.90 -1.98 0.00	58.08 -1.92 0.00	61.21 -1.57 0.00
NEG NORTH___ALICE_FALLS 23915	56.04 -0.34 0.00	56.16 0.00 0.00	55.97 -0.06 0.00	55.98 -0.11 0.00	55.81 -0.28 0.00	55.76 -0.39 0.00	55.15 -1.13 0.00	55.60 -0.68 0.00	55.64 -0.39 0.00	56.19 -0.68 0.00	55.73 -0.79 0.00	55.73 -0.85 0.00	55.84 -0.79 0.00	55.56 -1.08 0.00	55.56 -1.08 0.00	55.33 -1.36 0.00	61.36 -1.57 0.00	86.97 -1.77 0.00	102.94 -1.78 0.00	94.78 -1.84 0.00	76.59 -2.04 0.00	58.32 -1.56 0.00	58.56 -1.44 0.00	62.02 -0.75 0.00
NEG NORTH___LWR_SARANAC 23913	56.04 -0.34 0.00	56.16 0.00 0.00	55.97 -0.06 0.00	55.98 -0.11 0.00	55.81 -0.28 0.00	55.76 -0.39 0.00	55.15 -1.13 0.00	55.60 -0.68 0.00	55.64 -0.39 0.00	56.19 -0.68 0.00	55.73 -0.79 0.00	55.73 -0.85 0.00	55.84 -0.79 0.00	55.56 -1.08 0.00	55.56 -1.08 0.00	55.33 -1.36 0.00	61.36 -1.57 0.00	86.97 -1.77 0.00	102.94 -1.78 0.00	94.78 -1.84 0.00	76.59 -2.04 0.00	58.32 -1.56 0.00	58.56 -1.44 0.00	62.02 -0.75 0.00
NEG NORTH___PLATTSBURG 23628	56.05 -0.34 0.00	56.10 -0.06 0.00	55.97 -0.06 0.00	55.98 -0.11 0.00	55.81 -0.28 0.00	55.77 -0.39 0.00	55.15 -1.13 0.00	55.60 -0.67 0.00	55.65 -0.39 0.00	56.20 -0.68 0.00	55.73 -0.79 0.00	55.73 -0.85 0.00	55.84 -0.79 0.00	55.56 -1.08 0.00	55.56 -1.08 0.00	55.33 -1.36 0.00	61.37 -1.57 0.00	86.97 -1.77 0.00	102.94 -1.78 0.00	94.77 -1.84 0.00	76.59 -2.05 0.00	58.32 -1.56 0.00	58.56 -1.44 0.00	62.03 -0.75 0.00
NEG WEST_LEA_LOCKPORT 23791	53.49 -3.95 -1.06	51.86 -5.00 -0.70	51.31 -5.04 -0.32	51.32 -4.94 -0.17	51.44 -4.77 -0.12	52.16 -4.55 -0.55	52.72 -4.39 -0.83	52.40 -4.28 -0.41	52.03 -5.10 -1.09	53.35 -4.32 -0.80	55.80 -5.20 -4.48	56.03 -5.21 -4.66	56.12 -5.10 -4.58	56.94 -5.04 -5.34	57.11 -5.10 -5.57	57.63 -5.10 -6.04	65.37 -4.85 -7.28	88.82 -7.10 -7.18	100.00 -9.22 -4.49	93.99 -8.12 -5.50	79.03 -5.98 -6.36	64.35 -4.37 -8.84	63.50 -4.02 -7.52	65.86 -3.20 -6.28
NEG WEST___LANCASTR 23811	52.81 -4.79 -1.22	51.24 -5.73 -0.81	50.63 -5.77 -0.37	50.62 -5.67 -0.20	50.73 -5.50 -0.13	51.63 -5.17 -0.64	52.40 -4.84 -0.96	51.90 -4.84 -0.47	51.81 -5.49 -1.26	53.08 -4.72 -0.92	56.27 -5.43 -5.17	56.58 -5.38 -5.38	56.66 -5.27 -5.29	57.54 -5.27 -6.17	57.63 -5.44 -6.43	58.34 -5.33 -6.98	66.31 -5.03 -8.41	90.02 -7.01 -8.29	100.90 -9.01 -5.19	95.04 -7.92 -6.35	80.02 -5.98 -7.35	65.66 -4.43 -10.22	64.37 -4.32 -8.69	66.33 -3.70 -7.26
NEG_PENN_ALLEGHNY 23528	59.07 0.34 -2.35	57.77 0.06 -1.55	56.68 -0.06 -0.71	56.47 0.00 -0.38	56.40 0.06 -0.26	57.55 0.17 -1.22	58.46 0.34 -1.85	57.51 0.34 -0.90	58.69 0.23 -2.43	59.33 0.68 -1.77	66.90 0.45 -9.93	67.42 0.51 -10.33	67.42 0.62 -10.15	69.11 0.62 -11.85	69.61 0.62 -12.35	70.83 0.74 -13.41	80.28 1.19 -16.15	106.54 1.87 -15.93	116.77 2.09 -9.96	110.74 1.93 -12.19	94.49 1.73 -14.12	80.69 1.20 -19.62	77.82 1.14 -16.69	78.03 1.32 -13.94
NEG___GEN_MONROE 24207	55.46 -1.80 -0.88	54.16 -2.58 -0.58	53.61 -2.69 -0.26	53.65 -2.58 -0.14	53.78 -2.41 -0.10	54.31 -2.30 -0.46	54.88 -2.08 -0.69	54.59 -2.03 -0.34	54.54 -2.41 -0.91	55.83 -1.71 -0.66	58.16 -2.09 -3.73	58.42 -2.04 -3.88	58.41 -2.04 -3.81	58.99 -2.10 -4.45	59.18 -2.10 -4.64	59.57 -2.15 -5.03	67.24 -1.76 -6.06	92.23 -2.48 -5.98	105.00 -3.46 -3.74	98.39 -2.80 -4.58	81.97 -1.97 -5.30	65.80 -1.44 -7.36	64.88 -1.38 -6.26	67.19 -0.82 -5.23
NEPA___ENERGY 23901	54.42 -3.21 -1.25	52.83 -4.16 -0.83	52.20 -4.20 -0.38	52.25 -4.04 -0.20	52.36 -3.87 -0.14	53.27 -3.54 -0.65	54.10 -3.15 -0.98	53.55 -3.21 -0.48	53.46 -3.87 -1.29	54.75 -3.07 -0.94	57.96 -3.84 -5.28	58.29 -3.79 -5.50	58.36 -3.68 -5.40	59.26 -3.68 -6.31	59.36 -3.85 -6.57	60.08 -3.74 -7.13	68.26 -3.27 -8.59	92.87 -4.35 -8.48	104.05 -5.97 -5.30	97.98 -5.12 -6.49	82.54 -3.62 -7.51	67.56 -2.75 -10.44	66.30 -2.58 -8.88	68.25 -1.95 -7.42
NEVERSINK___HYD 23608	67.30 4.45 -6.47	64.59 4.16 -4.28	61.95 3.98 -1.94	61.17 4.04 -1.04	60.78 3.98 -0.71	63.68 4.16 -3.37	65.59 4.22 -5.09	62.81 4.05 -2.49	66.97 4.26 -6.68	66.19 4.44 -4.88	88.29 4.41 -27.36	89.62 4.58 -28.46	89.20 4.59 -27.98	93.99 4.70 -32.66	95.54 4.87 -34.04	98.73 5.10 -36.93	113.34 5.91 -44.49	141.58 8.96 -43.88	142.94 10.79 -27.43	140.16 9.95 -33.59	125.48 7.94 -38.90	119.80 5.87 -54.06	111.79 5.82 -45.98	107.01 5.84 -38.39
NEWKRMKL_115KV_TB1 55635	67.74 2.42 -8.93	64.48 2.41 -5.91	61.12 2.41 -2.68	59.88 2.36 -1.43	59.48 2.41 -0.98	63.29 2.47 -4.66	65.78 2.48 -7.03	62.13 2.42 -3.44	67.68 2.41 -9.23	66.12 2.50 -6.74	96.75 2.43 -37.80	98.27 2.38 -39.32	97.66 2.38 -38.65	103.96 2.21 -45.12	105.87 2.21 -47.02	109.58 1.87 -51.02	126.48 2.08 -61.47	152.20 2.84 -60.62	145.87 3.25 -37.90	146.11 3.09 -46.41	134.90 2.52 -53.74	136.59 2.04 -74.68	125.61 2.10 -63.52	118.33 2.51 -53.04

NEWTON___FALLS_HYD 23847	54.64 -1.92 -0.17	54.53 -1.74 -0.11	54.40 -1.68 -0.05	54.38 -1.74 -0.03	54.43 -1.68 -0.02	54.39 -1.85 -0.09	54.49 -1.91 -0.14	54.54 -1.80 -0.07	54.59 -1.63 -0.18	55.47 -1.54 -0.13	56.06 -1.19 -0.73	56.04 -1.30 -0.76	56.02 -1.36 -0.75	56.32 -1.19 -0.87	56.41 -1.13 -0.91	56.54 -1.13 -0.98	62.17 -1.95 -1.19	87.34 -2.57 -1.17	102.42 -3.04 -0.73	94.51 -2.99 -0.90	77.16 -2.52 -1.04	59.40 -1.92 -1.44	59.12 -2.10 -1.23	61.41 -2.39 -1.02
NGRID_A1_DSASP 323792	52.55 -4.91 -1.07	51.31 -5.56 -0.71	50.47 -5.88 -0.32	50.43 -5.83 -0.17	50.49 -5.72 -0.12	51.27 -5.45 -0.56	51.77 -5.35 -0.85	51.39 -5.29 -0.41	51.04 -6.11 -1.11	52.51 -5.18 -0.81	54.74 -6.33 -4.55	54.97 -6.34 -4.73	55.05 -6.23 -4.65	55.83 -6.23 -5.43	56.00 -6.29 -5.66	56.53 -6.29 -6.14	64.16 -6.17 -7.39	86.80 -9.23 -7.29	97.55 -11.73 -4.56	91.86 -10.34 -5.58	77.32 -7.79 -6.46	63.17 -5.69 -8.98	62.36 -5.28 -7.64	64.83 -4.33 -6.38
NGRID_A2_DSASP 323793	52.55 -4.91 -1.07	51.31 -5.56 -0.71	50.47 -5.88 -0.32	50.43 -5.83 -0.17	50.49 -5.72 -0.12	51.27 -5.45 -0.56	51.77 -5.35 -0.85	51.39 -5.29 -0.41	51.04 -6.11 -1.11	52.51 -5.18 -0.81	54.74 -6.33 -4.55	54.97 -6.34 -4.73	55.05 -6.23 -4.65	55.83 -6.23 -5.43	56.00 -6.29 -5.66	56.53 -6.29 -6.14	64.16 -6.17 -7.39	86.80 -9.23 -7.29	97.55 -11.73 -4.56	91.86 -10.34 -5.58	77.32 -7.79 -6.46	63.17 -5.69 -8.98	62.36 -5.28 -7.64	64.83 -4.33 -6.38
NGRID_A4_DSASP 323807	52.55 -4.91 -1.07	51.31 -5.56 -0.71	50.47 -5.88 -0.32	50.43 -5.83 -0.17	50.49 -5.72 -0.12	51.27 -5.45 -0.56	51.77 -5.35 -0.85	51.39 -5.29 -0.41	51.04 -6.11 -1.11	52.51 -5.18 -0.81	54.74 -6.33 -4.55	54.97 -6.34 -4.73	55.05 -6.23 -4.65	55.83 -6.23 -5.43	56.00 -6.29 -5.66	56.53 -6.29 -6.14	64.16 -6.17 -7.39	86.80 -9.23 -7.29	97.55 -11.73 -4.56	91.86 -10.34 -5.58	77.32 -7.79 -6.46	63.17 -5.69 -8.98	62.36 -5.28 -7.64	64.83 -4.33 -6.38
NIAGARA_115E_LBMP 323715	52.61 -4.85 -1.08	51.37 -5.50 -0.71	50.47 -5.88 -0.32	50.49 -5.78 -0.17	50.55 -5.66 -0.12	51.33 -5.39 -0.56	51.89 -5.23 -0.85	51.51 -5.18 -0.41	51.15 -5.99 -1.11	52.57 -5.12 -0.81	54.86 -6.22 -4.56	55.10 -6.22 -4.74	55.18 -6.12 -4.66	55.96 -6.12 -5.44	56.13 -6.17 -5.67	56.72 -6.12 -6.15	64.31 -6.04 -7.41	87.18 -8.87 -7.31	97.98 -11.31 -4.57	92.16 -10.05 -5.60	77.57 -7.55 -6.48	63.37 -5.51 -9.01	62.50 -5.16 -7.66	64.84 -4.33 -6.40
NIAGARA_115W_LBMP 323714	52.44 -5.02 -1.07	51.20 -5.67 -0.71	50.30 -6.05 -0.32	50.32 -5.95 -0.17	50.37 -5.83 -0.12	51.16 -5.56 -0.56	51.66 -5.46 -0.84	51.28 -5.40 -0.41	50.92 -6.22 -1.11	52.34 -5.35 -0.81	54.61 -6.44 -4.54	54.80 -6.50 -4.72	54.88 -6.40 -4.64	55.71 -6.34 -5.42	55.88 -6.40 -5.65	56.41 -6.41 -6.13	63.96 -6.35 -7.38	86.61 -9.41 -7.28	97.33 -11.94 -4.55	91.56 -10.63 -5.57	77.07 -8.02 -6.45	63.03 -5.81 -8.97	62.17 -5.46 -7.63	64.63 -4.52 -6.37
NIAGARA_230_LBMP 323716	53.21 -4.23 -1.06	52.03 -4.83 -0.70	51.14 -5.21 -0.32	51.10 -5.16 -0.17	51.21 -4.99 -0.12	51.99 -4.72 -0.55	52.49 -4.61 -0.83	52.12 -4.56 -0.41	51.80 -5.32 -1.09	53.24 -4.44 -0.80	55.52 -5.48 -4.48	55.75 -5.49 -4.66	55.84 -5.38 -4.58	56.60 -5.60 -5.35	56.77 -5.44 -5.57	57.30 -5.44 -6.05	65.00 -5.22 -7.29	88.12 -7.81 -7.19	99.16 -10.05 -4.49	93.23 -8.89 -5.50	78.40 -6.61 -6.37	63.93 -4.79 -8.85	63.09 -4.44 -7.53	65.42 -3.64 -6.29
NIAGARA___115KV_198_GIBSON 55903	52.44 -5.02 -1.07	50.86 -6.01 -0.71	50.30 -6.05 -0.32	50.32 -5.95 -0.17	50.37 -5.83 -0.12	51.16 -5.56 -0.56	51.66 -5.46 -0.84	51.28 -5.40 -0.41	50.92 -6.22 -1.11	52.17 -5.52 -0.81	54.62 -6.44 -4.54	54.80 -6.51 -4.72	54.88 -6.40 -4.64	55.71 -6.34 -5.42	55.88 -6.40 -5.65	56.41 -6.41 -6.13	63.96 -6.36 -7.38	86.61 -9.41 -7.28	97.34 -11.94 -4.55	91.56 -10.63 -5.57	77.07 -8.02 -6.45	63.03 -5.81 -8.97	62.23 -5.40 -7.63	64.69 -4.46 -6.37
NIAGARA____ 23760	53.23 -4.23 -1.08	52.04 -4.83 -0.71	51.14 -5.21 -0.32	51.10 -5.16 -0.17	51.22 -4.99 -0.12	52.00 -4.72 -0.56	52.50 -4.61 -0.84	52.13 -4.56 -0.41	51.82 -5.32 -1.11	53.25 -4.44 -0.81	55.56 -5.48 -4.52	55.80 -5.49 -4.70	55.88 -5.38 -4.62	56.65 -5.38 -5.40	56.83 -5.44 -5.63	57.35 -5.44 -6.10	65.07 -5.22 -7.35	88.18 -7.81 -7.25	99.20 -10.05 -4.53	93.27 -8.89 -5.55	78.46 -6.61 -6.43	64.02 -4.79 -8.93	63.17 -4.44 -7.61	65.52 -3.64 -6.38
NINE_MILE_1 23575	55.08 -1.75 -0.45	54.54 -1.91 -0.30	54.20 -1.96 -0.13	54.15 -2.02 -0.07	54.17 -1.96 -0.05	54.42 -1.97 -0.23	54.71 -1.91 -0.35	54.53 -1.91 -0.17	54.53 -1.96 -0.46	55.45 -1.76 -0.34	56.60 -1.81 -1.89	56.80 -1.75 -1.97	56.82 -1.76 -1.94	57.14 -1.76 -2.26	57.24 -1.76 -2.36	57.55 -1.70 -2.56	64.32 -1.70 -3.08	89.29 -2.48 -3.04	103.69 -2.93 -1.90	96.23 -2.70 -2.32	79.21 -2.12 -2.69	61.94 -1.68 -3.74	61.50 -1.68 -3.18	63.74 -1.69 -2.66
NINE_MILE_2 23744	55.08 -1.75 -0.45	54.54 -1.91 -0.30	54.20 -1.96 -0.13	54.20 -1.96 -0.07	54.17 -1.96 -0.05	54.42 -1.97 -0.23	54.71 -1.91 -0.35	54.53 -1.91 -0.17	54.53 -1.96 -0.46	55.51 -1.70 -0.34	56.60 -1.81 -1.89	56.79 -1.75 -1.97	56.81 -1.76 -1.93	57.14 -1.76 -2.25	57.23 -1.76 -2.35	57.54 -1.70 -2.55	64.31 -1.70 -3.07	89.29 -2.48 -3.03	103.69 -2.93 -1.89	96.23 -2.70 -2.32	79.21 -2.12 -2.69	61.93 -1.68 -3.73	61.49 -1.68 -3.17	63.74 -1.69 -2.65
NM_CAPITAL___DRP 24208	67.78 2.48 -8.91	64.52 2.47 -5.89	61.17 2.47 -2.68	59.99 2.47 -1.43	59.53 2.47 -0.97	63.33 2.53 -4.65	65.82 2.53 -7.01	62.17 2.48 -3.43	67.71 2.47 -9.21	66.15 2.56 -6.72	96.76 2.54 -37.70	98.28 2.49 -39.21	97.68 2.49 -38.55	104.01 2.38 -45.00	105.86 2.32 -46.90	109.68 2.10 -50.89	126.57 2.33 -61.31	152.40 3.19 -60.46	146.19 3.67 -37.80	146.38 3.48 -46.29	135.07 2.83 -53.60	136.57 2.22 -74.49	125.63 2.28 -63.35	118.32 2.64 -52.90
NM_CENTRAL___DRP 24181	56.52 -0.51 -0.64	55.80 -0.79 -0.43	55.44 -0.78 -0.19	55.35 -0.84 -0.10	55.38 -0.79 -0.07	55.76 -0.73 -0.34	56.10 -0.68 -0.51	55.90 -0.62 -0.25	56.03 -0.67 -0.67	57.02 -0.34 -0.49	58.91 -0.34 -2.73	59.08 -0.34 -2.84	59.14 -0.34 -2.79	59.61 -0.28 -3.26	59.80 -0.23 -3.39	60.20 -0.17 -3.68	67.44 0.06 -4.44	93.12 0.00 -4.37	107.56 0.10 -2.73	100.06 0.10 -3.35	82.60 0.08 -3.88	65.26 0.00 -5.39	64.52 -0.06 -4.58	66.60 0.00 -3.83
NM_FRONTIER___DRP 24179	52.44 -5.02 -1.07	50.86 -6.01 -0.71	50.30 -6.05 -0.32	50.32 -5.95 -0.17	50.37 -5.83 -0.12	51.16 -5.56 -0.56	51.66 -5.46 -0.84	51.28 -5.40 -0.41	50.92 -6.22 -1.11	52.17 -5.52 -0.81	54.62 -6.44 -4.54	54.80 -6.51 -4.72	54.88 -6.40 -4.64	55.71 -6.34 -5.42	55.88 -6.40 -5.65	56.41 -6.41 -6.13	63.96 -6.36 -7.38	86.61 -9.41 -7.28	97.34 -11.94 -4.55	91.56 -10.63 -5.57	77.07 -8.02 -6.45	63.03 -5.81 -8.97	62.23 -5.40 -7.63	64.69 -4.46 -6.37
NM_ST_REGIS___HYD 24053	54.13 -2.26 0.00	54.30 -1.85 0.00	54.24 -1.79 0.00	54.24 -1.85 0.00	54.13 -1.96 0.00	53.97 -2.19 0.00	53.85 -2.42 0.00	54.02 -2.25 0.00	53.96 -2.07 0.00	54.54 -2.33 0.00	54.37 -2.15 0.00	54.37 -2.21 0.00	54.37 -2.27 0.00	54.37 -2.27 0.00	54.31 -2.32 0.00	54.20 -2.49 0.00	59.10 -3.84 0.00	83.59 -5.15 0.00	98.86 -5.86 0.00	91.01 -5.60 0.00	73.69 -4.95 0.00	56.34 -3.53 0.00	56.52 -3.48 0.00	58.88 -3.89 0.00

NORTHPORT___1 23551	69.58 5.69 -7.50	66.55 5.62 -4.77	67.34 5.38 -5.93	62.58 5.33 -1.15	62.21 5.33 -0.79	66.12 5.51 -4.46	72.34 5.74 -10.32	74.33 5.91 -12.15	77.84 6.00 -15.80	77.16 6.14 -14.14	92.84 5.88 -30.44	94.02 5.77 -31.67	93.71 5.95 -31.13	99.21 6.23 -36.34	113.95 6.17 -51.14	130.89 6.24 -67.96	146.01 6.92 -76.15	153.08 9.76 -54.58	152.87 11.42 -36.73	152.32 10.63 -45.08	149.27 8.73 -61.91	148.79 6.47 -82.45	142.01 6.72 -75.29	123.70 6.97 -53.96
NORTHPORT___2 23552	69.58 5.69 -7.50	66.55 5.62 -4.77	67.34 5.38 -5.93	62.58 5.33 -1.15	62.21 5.33 -0.79	66.12 5.51 -4.46	72.34 5.74 -10.32	74.33 5.91 -12.15	77.84 6.00 -15.80	77.16 6.14 -14.14	92.84 5.88 -30.44	94.02 5.77 -31.67	93.71 5.95 -31.13	99.21 6.23 -36.34	113.95 6.17 -51.14	130.89 6.24 -67.96	146.01 6.92 -76.15	153.08 9.76 -54.58	152.87 11.42 -36.73	152.32 10.63 -45.08	149.27 8.73 -61.91	148.79 6.47 -82.45	142.01 6.72 -75.29	123.70 6.97 -53.96
NORTHPORT___3 23553	69.07 5.18 -7.50	65.87 4.94 -4.77	66.78 4.82 -5.93	62.01 4.77 -1.15	61.59 4.71 -0.79	65.50 4.88 -4.46	71.72 5.12 -10.32	73.65 5.23 -12.15	77.27 5.43 -15.80	76.82 5.80 -14.14	92.51 5.54 -30.44	93.85 5.60 -31.67	93.55 5.78 -31.13	98.92 5.95 -36.34	113.72 5.95 -51.14	130.78 6.12 -67.96	145.76 6.67 -76.15	152.46 9.14 -54.58	152.15 10.69 -36.73	151.65 9.95 -45.08	148.80 8.25 -61.91	148.54 6.23 -82.45	141.89 6.60 -75.29	123.45 6.72 -53.96
NORTHPORT___4 23650	69.07 5.18 -7.50	65.87 4.94 -4.77	66.78 4.82 -5.93	62.01 4.77 -1.15	61.59 4.71 -0.79	65.50 4.88 -4.46	71.72 5.12 -10.32	73.65 5.23 -12.15	77.27 5.43 -15.80	76.82 5.80 -14.14	92.51 5.54 -30.44	93.85 5.60 -31.67	93.55 5.78 -31.13	98.92 5.95 -36.34	113.72 5.95 -51.14	130.78 6.12 -67.96	145.76 6.67 -76.15	152.46 9.14 -54.58	152.15 10.69 -36.73	151.65 9.95 -45.08	148.80 8.25 -61.91	148.54 6.23 -82.45	141.89 6.60 -75.29	123.45 6.72 -53.96
NORTHPORT___IC 23718	69.58 5.69 -7.50	66.55 5.62 -4.77	67.34 5.38 -5.93	62.58 5.33 -1.15	62.21 5.33 -0.79	66.12 5.51 -4.46	72.34 5.74 -10.32	74.33 5.91 -12.15	77.84 6.00 -15.80	77.16 6.14 -14.14	92.84 5.88 -30.44	94.02 5.77 -31.67	93.71 5.95 -31.13	99.21 6.23 -36.34	113.95 6.17 -51.14	130.89 6.24 -67.96	146.01 6.92 -76.15	153.08 9.76 -54.58	152.87 11.42 -36.73	152.32 10.63 -45.08	149.27 8.73 -61.91	148.79 6.47 -82.45	142.01 6.72 -75.29	123.70 6.97 -53.96
NORTH___COUNTRY_ESR 323785	55.26 -1.13 0.00	55.37 -0.79 0.00	55.25 -0.78 0.00	55.25 -0.84 0.00	55.14 -0.95 0.00	55.09 -1.07 0.00	54.70 -1.58 0.00	55.03 -1.24 0.00	54.97 -1.07 0.00	55.46 -1.42 0.00	55.05 -1.47 0.00	55.06 -1.53 0.00	55.11 -1.53 0.00	54.88 -1.76 0.00	54.88 -1.76 0.00	54.71 -1.99 0.00	60.55 -2.39 0.00	85.63 -3.11 0.00	101.27 -3.45 0.00	93.33 -3.29 0.00	75.57 -3.07 0.00	57.60 -2.28 0.00	57.84 -2.16 0.00	60.95 -1.82 0.00
NPX_GEN_1385_PROXY 323591	68.96 5.08 -7.50	66.88 5.95 -4.77	67.29 5.33 -5.93	63.30 6.06 -1.15	62.88 6.00 -0.79	66.96 6.34 -4.46	73.01 6.41 -10.32	75.68 7.26 -12.15	79.02 6.95 -16.04	76.70 5.91 -13.91	92.73 5.77 -30.44	93.28 5.03 -31.67	92.98 5.21 -31.13	98.92 5.95 -36.34	113.33 5.55 -51.14	130.04 5.39 -67.96	145.00 5.91 -76.15	152.63 9.32 -54.58	151.61 10.16 -36.73	151.06 9.37 -45.08	148.02 7.47 -61.91	147.40 5.09 -82.45	140.57 5.28 -75.29	122.70 5.97 -53.96
NPX_GEN_CSC 323557	70.59 6.71 -7.50	67.39 6.46 -4.77	68.24 6.27 -5.93	63.41 6.17 -1.15	63.10 6.23 -0.79	67.02 6.40 -4.46	73.23 6.64 -10.32	75.00 6.58 -12.15	78.68 6.61 -16.04	77.95 7.17 -13.91	93.74 6.78 -30.44	94.92 6.67 -31.67	94.68 6.91 -31.13	100.00 7.02 -36.34	114.68 6.91 -51.14	131.57 6.91 -67.96	147.14 8.06 -76.15	154.68 11.36 -54.58	154.87 13.41 -36.73	154.06 12.37 -45.08	150.61 10.07 -61.91	150.22 7.90 -82.45	143.39 8.10 -75.29	124.95 8.22 -53.96
NSINS_S_GLNS_FALLS 23858	69.95 4.40 -9.17	66.38 4.16 -6.06	62.93 4.15 -2.75	61.65 4.09 -1.47	61.24 4.15 -1.00	65.21 4.27 -4.78	67.43 3.94 -7.22	63.85 4.05 -3.52	69.49 3.98 -9.47	67.83 4.04 -6.91	98.75 3.45 -38.78	100.60 3.68 -40.34	99.92 3.62 -39.66	106.44 3.51 -46.30	108.51 3.62 -48.25	112.79 3.74 -52.36	130.42 4.41 -63.08	157.25 6.30 -62.21	150.94 7.33 -38.89	151.19 6.96 -47.62	139.37 5.58 -55.15	141.66 5.15 -76.63	130.16 4.98 -65.18	122.42 5.21 -54.43
NUCOR_STEEL___DRP 24197	57.38 0.11 -0.88	56.52 -0.22 -0.58	56.01 -0.28 -0.27	55.95 -0.28 -0.14	56.02 -0.17 -0.10	56.50 -0.11 -0.46	56.97 0.00 -0.69	56.67 0.06 -0.34	56.89 -0.06 -0.91	57.88 0.34 -0.67	60.59 0.34 -3.73	60.80 0.34 -3.88	60.85 0.40 -3.82	61.49 0.40 -4.45	61.73 0.45 -4.64	62.30 0.57 -5.04	69.95 0.94 -6.07	96.15 1.42 -5.99	110.25 1.78 -3.74	102.74 1.55 -4.58	85.28 1.34 -5.31	68.08 0.84 -7.37	67.05 0.78 -6.27	68.89 0.88 -5.24
NUMBER_THREE_WT_PWR 323818	56.51 -0.11 -0.24	56.20 -0.11 -0.16	56.05 -0.06 -0.07	56.02 -0.11 -0.04	56.12 0.00 -0.03	56.28 0.00 -0.13	56.46 0.00 -0.19	56.42 0.06 -0.09	56.51 0.23 -0.25	57.68 0.63 -0.18	58.56 1.02 -1.03	58.55 0.90 -1.07	58.59 0.90 -1.05	58.99 1.13 -1.22	59.10 1.19 -1.28	59.43 1.36 -1.38	65.99 1.38 -1.67	92.34 1.95 -1.64	107.95 2.20 -1.03	99.90 2.03 -1.26	81.75 1.65 -1.46	62.98 1.08 -2.03	62.50 0.78 -1.72	64.97 0.76 -1.44
NYISO_LBMP_REFERENCE 24008	56.38 0.00 0.00	56.16 0.00 0.00	56.03 0.00 0.00	56.09 0.00 0.00	56.09 0.00 0.00	56.16 0.00 0.00	56.27 0.00 0.00	56.27 0.00 0.00	56.03 0.00 0.00	56.88 0.00 0.00	56.52 0.00 0.00	56.58 0.00 0.00	56.64 0.00 0.00	56.64 0.00 0.00	56.64 0.00 0.00	56.69 0.00 0.00	62.94 0.00 0.00	88.74 0.00 0.00	104.72 0.00 0.00	96.61 0.00 0.00	78.64 0.00 0.00	59.87 0.00 0.00	60.00 0.00 0.00	62.78 0.00 0.00
NYPA_BRENTWD___GT 24164	70.20 6.31 -7.50	67.05 6.12 -4.77	67.90 5.94 -5.93	63.08 5.83 -1.15	62.71 5.83 -0.79	66.63 6.01 -4.46	72.84 6.25 -10.32	74.78 6.36 -12.15	78.34 6.50 -15.80	77.78 6.76 -14.14	93.46 6.50 -30.44	94.70 6.45 -31.67	94.39 6.62 -31.13	99.83 6.85 -36.34	114.57 6.79 -51.14	131.62 6.97 -67.96	147.02 7.93 -76.15	154.68 11.36 -54.58	154.76 13.30 -36.73	154.06 12.37 -45.08	150.69 10.15 -61.91	149.80 7.48 -82.45	142.91 7.62 -75.29	124.52 7.78 -53.96
NYPA_GOWANUS___GT5 24156	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.13 4.88 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	68.00 5.69 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.68 6.74 -54.00	147.81 10.20 -48.87	147.21 11.93 -30.56	145.04 11.01 -37.42	130.77 8.81 -43.32	128.56 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75
NYPA_GOWANUS___GT6 24157	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.13 4.88 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	68.00 5.69 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.68 6.74 -54.00	147.81 10.20 -48.87	147.21 11.93 -30.56	145.04 11.01 -37.42	130.77 8.81 -43.32	128.56 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75

NYPA_HARLEM__RVR_GT1 24160	68.72 5.13 -7.21	65.87 4.94 -4.77	62.96 4.76 -2.17	61.79 4.54 -1.16	61.60 4.71 -0.79	64.75 4.83 -3.76	67.07 5.12 -5.67	63.99 4.95 -2.77	68.46 4.99 -7.44	67.72 5.41 -5.44	92.29 5.31 -30.46	93.76 5.49 -31.69	93.40 5.61 -31.15	98.72 5.72 -36.36	100.16 5.61 -37.91	104.62 5.72 -42.21	119.54 6.48 -50.12	147.00 9.40 -48.86	146.16 10.89 -30.55	144.17 10.14 -37.41	130.29 8.33 -43.32	127.03 6.17 -60.99	117.71 6.30 -51.42	111.86 6.34 -42.75
NYPA_HARLEM__RVR_GT2 24161	68.72 5.13 -7.21	65.87 4.94 -4.77	62.96 4.76 -2.17	61.79 4.54 -1.16	61.60 4.71 -0.79	64.75 4.83 -3.76	67.07 5.12 -5.67	63.99 4.95 -2.77	68.46 4.99 -7.44	67.72 5.41 -5.44	92.29 5.31 -30.46	93.76 5.49 -31.69	93.40 5.61 -31.15	98.72 5.72 -36.36	100.16 5.61 -37.91	104.62 5.72 -42.21	119.54 6.48 -50.12	147.00 9.40 -48.86	146.16 10.89 -30.55	144.17 10.14 -37.41	130.29 8.33 -43.32	127.03 6.17 -60.99	117.71 6.30 -51.42	111.86 6.34 -42.75
NYPA_KENT____GT 24152	68.67 5.08 -7.21	65.70 4.77 -4.77	62.80 4.60 -2.17	62.02 4.77 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	63.99 4.95 -2.77	68.69 5.21 -7.44	67.89 5.58 -5.44	92.40 5.43 -30.46	93.94 5.66 -31.70	93.58 5.78 -31.16	98.85 5.83 -36.38	100.34 5.72 -37.98	112.06 5.84 -49.52	123.55 6.61 -54.00	147.46 9.85 -48.87	146.90 11.62 -30.56	144.75 10.72 -37.42	130.61 8.65 -43.32	128.43 6.34 -62.22	117.91 6.48 -51.43	112.18 6.65 -42.75
NYPA_POUCH1____GT 24155	68.49 4.90 -7.21	65.42 4.49 -4.77	62.63 4.43 -2.17	62.08 4.82 -1.16	61.15 4.26 -0.79	64.41 4.49 -3.76	66.73 4.78 -5.67	63.82 4.78 -2.77	68.52 5.05 -7.44	67.77 5.46 -5.44	92.23 5.26 -30.46	93.83 5.55 -31.70	93.46 5.66 -31.16	98.73 5.72 -36.38	100.11 5.49 -37.98	111.88 5.67 -49.52	123.42 6.48 -54.00	147.54 9.94 -48.87	147.00 11.73 -30.56	144.85 10.82 -37.42	130.61 8.65 -43.32	128.31 6.23 -62.22	117.78 6.36 -51.43	112.25 6.72 -42.75
NYPA_VERNON____GT2 24162	68.61 5.02 -7.21	65.70 4.77 -4.77	62.80 4.60 -2.17	61.85 4.60 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.84 4.89 -5.67	63.93 4.89 -2.77	68.63 5.15 -7.44	67.83 5.52 -5.44	92.35 5.37 -30.46	93.83 5.55 -31.70	93.46 5.66 -31.16	98.73 5.72 -36.38	100.28 5.66 -37.98	112.00 5.79 -49.52	123.48 6.55 -54.00	147.19 9.59 -48.87	146.49 11.21 -30.56	144.37 10.34 -37.42	130.38 8.42 -43.32	128.31 6.23 -62.22	117.78 6.36 -51.43	111.99 6.47 -42.75
NYPA_VERNON____GT3 24163	68.61 5.02 -7.21	65.70 4.77 -4.77	62.80 4.60 -2.17	61.85 4.60 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.84 4.89 -5.67	63.93 4.89 -2.77	68.63 5.15 -7.44	67.83 5.52 -5.44	92.35 5.37 -30.46	93.83 5.55 -31.70	93.46 5.66 -31.16	98.73 5.72 -36.38	100.28 5.66 -37.98	112.00 5.79 -49.52	123.48 6.55 -54.00	147.19 9.59 -48.87	146.49 11.21 -30.56	144.37 10.34 -37.42	130.38 8.42 -43.32	128.31 6.23 -62.22	117.78 6.36 -51.43	111.99 6.47 -42.75
NYPA__ASTORIA_CC1 323568	68.61 5.02 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	61.85 4.60 -1.16	61.43 4.54 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	63.99 4.95 -2.77	68.57 5.10 -7.44	67.83 5.52 -5.44	92.35 5.37 -30.46	93.83 5.55 -31.70	93.46 5.66 -31.16	98.73 5.72 -36.38	100.23 5.61 -37.98	112.00 5.79 -49.52	123.42 6.48 -54.00	147.11 9.50 -48.87	146.49 11.21 -30.56	144.37 10.34 -37.42	130.29 8.33 -43.32	128.26 6.17 -62.22	117.72 6.30 -51.43	111.99 6.47 -42.75
NYPA__ASTORIA_CC2 323569	68.61 5.02 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	61.85 4.60 -1.16	61.43 4.54 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	63.99 4.95 -2.77	68.57 5.10 -7.44	67.83 5.52 -5.44	92.35 5.37 -30.46	93.83 5.55 -31.70	93.46 5.66 -31.16	98.73 5.72 -36.38	100.23 5.61 -37.98	112.00 5.79 -49.52	123.42 6.48 -54.00	147.11 9.50 -48.87	146.49 11.21 -30.56	144.37 10.34 -37.42	130.29 8.33 -43.32	128.26 6.17 -62.22	117.72 6.30 -51.43	111.99 6.47 -42.75
NYPA__HOLTSVILL 23794	70.09 6.20 -7.50	66.88 5.95 -4.77	67.79 5.83 -5.93	62.97 5.72 -1.15	62.60 5.72 -0.79	66.57 5.95 -4.46	72.73 6.13 -10.32	74.61 6.19 -12.15	78.11 6.27 -15.80	77.67 6.65 -14.14	93.29 6.33 -30.44	94.47 6.22 -31.67	94.17 6.40 -31.13	99.60 6.62 -36.34	114.34 6.57 -51.14	131.34 6.69 -67.96	146.70 7.61 -76.15	154.23 10.91 -54.58	154.23 12.77 -36.73	153.57 11.88 -45.08	150.21 9.67 -61.91	149.62 7.30 -82.45	142.79 7.50 -75.29	124.33 7.59 -53.96
NYPA__HELLGATE_GT1 24158	68.72 5.13 -7.21	65.87 4.94 -4.77	62.96 4.76 -2.17	61.79 4.54 -1.16	61.60 4.71 -0.79	64.75 4.83 -3.76	67.07 5.12 -5.67	63.99 4.95 -2.77	68.46 4.99 -7.44	67.72 5.41 -5.44	92.29 5.31 -30.46	93.76 5.49 -31.69	93.40 5.61 -31.15	98.73 5.72 -36.37	100.28 5.61 -38.04	116.38 5.79 -53.91	125.76 6.48 -56.34	147.00 9.40 -48.86	146.16 10.89 -30.55	144.17 10.14 -37.41	130.29 8.33 -43.32	129.47 6.17 -63.43	117.71 6.30 -51.42	111.86 6.34 -42.75
NYPA__HELLGATE_GT2 24159	68.72 5.13 -7.21	65.87 4.94 -4.77	62.96 4.76 -2.17	61.79 4.54 -1.16	61.60 4.71 -0.79	64.75 4.83 -3.76	67.07 5.12 -5.67	63.99 4.95 -2.77	68.46 4.99 -7.44	67.72 5.41 -5.44	92.29 5.31 -30.46	93.76 5.49 -31.69	93.40 5.61 -31.15	98.73 5.72 -36.37	100.28 5.61 -38.04	116.38 5.79 -53.91	125.76 6.48 -56.34	147.00 9.40 -48.86	146.16 10.89 -30.55	144.17 10.14 -37.41	130.29 8.33 -43.32	129.47 6.17 -63.43	117.71 6.30 -51.42	111.86 6.34 -42.75
NYS_BARGE__HYD 23848	53.43 -4.00 -1.05	52.19 -4.66 -0.69	51.30 -5.04 -0.32	51.27 -4.99 -0.17	51.38 -4.82 -0.11	52.16 -4.55 -0.55	52.71 -4.39 -0.83	52.34 -4.33 -0.40	52.02 -5.10 -1.08	53.52 -4.15 -0.79	55.76 -5.20 -4.44	56.00 -5.20 -4.62	56.08 -5.10 -4.54	56.90 -5.04 -5.30	57.06 -5.10 -5.52	57.58 -5.10 -5.99	65.31 -4.84 -7.22	88.76 -7.10 -7.12	99.96 -9.22 -4.45	94.05 -8.02 -5.45	78.97 -5.98 -6.31	64.28 -4.37 -8.77	63.38 -4.08 -7.46	65.81 -3.20 -6.23
OAK_ORCHARD__HYD 24046	55.62 -1.64 -0.87	54.60 -2.13 -0.58	53.88 -2.41 -0.26	53.88 -2.35 -0.14	53.94 -2.25 -0.10	54.53 -2.08 -0.46	55.05 -1.91 -0.69	54.81 -1.80 -0.34	54.69 -2.24 -0.90	56.05 -1.48 -0.66	58.23 -1.98 -3.69	58.44 -1.98 -3.84	58.55 -1.87 -3.78	59.23 -1.81 -4.41	59.36 -1.87 -4.59	59.86 -1.82 -4.99	67.50 -1.45 -6.01	92.53 -2.13 -5.92	105.49 -2.93 -3.70	98.63 -2.51 -4.53	82.16 -1.73 -5.25	65.85 -1.32 -7.30	64.88 -1.32 -6.21	67.14 -0.82 -5.18
OAKDALE__35_KV_LOAD 356122	59.00 0.28 -2.33	57.64 -0.06 -1.54	56.62 -0.11 -0.70	56.35 -0.11 -0.37	56.35 0.00 -0.25	57.48 0.11 -1.22	58.39 0.28 -1.83	57.45 0.28 -0.90	58.61 0.17 -2.41	59.15 0.51 -1.76	66.72 0.34 -9.86	67.24 0.40 -10.26	67.17 0.45 -10.09	68.92 0.51 -11.77	69.36 0.45 -12.27	70.57 0.57 -13.31	80.05 1.07 -16.04	106.16 1.60 -15.82	116.39 1.78 -9.89	110.36 1.64 -12.11	94.08 1.42 -14.02	80.38 1.02 -19.49	77.59 1.02 -16.57	77.81 1.19 -13.84
OCC_CHEM__DRP 24175	52.55 -4.91 -1.07	50.97 -5.90 -0.71	50.47 -5.88 -0.32	50.43 -5.83 -0.17	50.49 -5.72 -0.12	51.27 -5.45 -0.56	51.77 -5.35 -0.85	51.40 -5.29 -0.41	51.04 -6.11 -1.11	52.28 -5.40 -0.81	54.74 -6.33 -4.55	54.97 -6.34 -4.73	55.05 -6.23 -4.65	55.83 -6.23 -5.43	56.01 -6.29 -5.66	56.54 -6.29 -6.14	64.16 -6.17 -7.39	86.80 -9.23 -7.29	97.55 -11.73 -4.56	91.86 -10.34 -5.58	77.32 -7.79 -6.46	63.17 -5.69 -8.98	62.36 -5.28 -7.64	64.82 -4.33 -6.38

OH_GEN_PROXY 24063	53.33 -4.11 -1.06	52.08 -4.77 -0.70	51.25 -5.10 -0.32	51.21 -5.05 -0.17	51.33 -4.88 -0.12	52.11 -4.60 -0.55	52.66 -4.45 -0.84	52.29 -4.39 -0.41	52.21 -5.15 -1.33	53.12 -4.32 -0.57	55.70 -5.32 -4.49	55.93 -5.32 -4.67	56.02 -5.21 -4.59	56.79 -5.21 -5.36	56.96 -5.27 -5.59	57.54 -5.21 -6.06	65.20 -5.04 -7.30	88.49 -7.45 -7.20	99.59 -9.63 -4.50	93.62 -8.50 -5.51	78.66 -6.37 -6.38	64.14 -4.61 -8.87	63.29 -4.26 -7.55	65.56 -3.51 -6.30
OLIN_CORP_DRP 24177	52.73 -4.74 -1.08	51.15 -5.73 -0.72	50.64 -5.72 -0.33	50.60 -5.67 -0.17	50.71 -5.50 -0.12	51.44 -5.28 -0.57	52.01 -5.12 -0.85	51.63 -5.06 -0.42	51.27 -5.88 -1.12	52.57 -5.12 -0.82	55.06 -6.05 -4.59	55.24 -6.11 -4.77	55.38 -5.95 -4.69	56.17 -5.95 -5.48	56.34 -6.00 -5.71	56.88 -6.01 -6.19	64.55 -5.85 -7.46	87.40 -8.70 -7.36	98.22 -11.10 -4.60	92.49 -9.76 -5.63	77.77 -7.39 -6.52	63.55 -5.39 -9.07	62.73 -4.98 -7.71	65.07 -4.14 -6.44
OLIN_CORP_DSASP 323712	52.55 -4.91 -1.07	51.31 -5.56 -0.71	50.47 -5.88 -0.32	50.43 -5.83 -0.17	50.49 -5.72 -0.12	51.27 -5.45 -0.56	51.77 -5.35 -0.85	51.39 -5.29 -0.41	51.04 -6.11 -1.11	52.51 -5.18 -0.81	54.74 -6.33 -4.55	54.97 -6.34 -4.73	55.05 -6.23 -4.65	55.83 -6.23 -5.43	56.00 -6.29 -5.66	56.53 -6.29 -6.14	64.16 -6.17 -7.39	86.80 -9.23 -7.29	97.55 -11.73 -4.56	91.86 -10.34 -5.58	77.32 -7.79 -6.46	63.17 -5.69 -8.98	62.36 -5.28 -7.64	64.83 -4.33 -6.38
ONEIDA_HERK_LFGE 323681	57.63 1.02 -0.23	57.32 1.01 -0.15	57.05 0.95 -0.07	57.08 0.95 -0.04	57.18 1.06 -0.02	57.34 1.06 -0.12	57.58 1.12 -0.18	57.48 1.12 -0.09	57.50 1.23 -0.23	58.70 1.65 -0.17	59.40 1.92 -0.96	59.39 1.81 -1.00	59.49 1.87 -0.98	59.82 2.04 -1.15	59.93 2.10 -1.20	60.14 2.15 -1.30	66.95 2.45 -1.56	93.66 3.37 -1.54	109.56 3.88 -0.96	101.37 3.58 -1.18	82.99 2.99 -1.37	63.87 2.09 -1.90	63.53 1.92 -1.62	66.19 2.07 -1.35
ONEIDA___115KV_TB4 55905	58.45 1.64 -0.43	57.96 1.52 -0.28	57.67 1.51 -0.13	57.62 1.46 -0.07	57.71 1.57 -0.05	58.06 1.68 -0.22	58.35 1.74 -0.34	58.18 1.74 -0.16	58.27 1.79 -0.44	59.42 2.22 -0.32	60.76 2.43 -1.81	60.78 2.32 -1.88	60.92 2.44 -1.85	61.34 2.55 -2.16	61.49 2.61 -2.25	61.86 2.72 -2.44	69.03 3.15 -2.94	95.90 4.26 -2.90	111.56 5.03 -1.81	103.37 4.54 -2.22	84.99 3.77 -2.57	66.20 2.75 -3.58	65.62 2.58 -3.04	68.20 2.89 -2.54
ONONDAGA_REF_OCCRA 23987	57.01 -0.17 -0.80	56.23 -0.45 -0.53	55.77 -0.50 -0.24	55.71 -0.50 -0.13	55.73 -0.45 -0.09	56.18 -0.39 -0.42	56.62 -0.28 -0.63	56.30 -0.28 -0.31	56.58 -0.28 -0.82	57.53 0.06 -0.60	59.95 0.06 -3.38	60.15 0.06 -3.51	60.20 0.11 -3.45	60.78 0.11 -4.03	60.95 0.11 -4.20	61.48 0.23 -4.56	68.93 0.50 -5.49	94.86 0.71 -5.41	109.05 0.94 -3.38	101.63 0.87 -4.14	84.15 0.71 -4.80	66.96 0.42 -6.67	66.03 0.36 -5.67	67.95 0.44 -4.74
ONONDAGA___COGEN 23986	56.90 -0.23 -0.74	56.14 -0.51 -0.49	55.75 -0.50 -0.22	55.65 -0.56 -0.12	55.67 -0.50 -0.08	56.09 -0.45 -0.39	56.46 -0.39 -0.58	56.22 -0.34 -0.28	56.46 -0.34 -0.76	57.38 -0.06 -0.56	59.59 -0.06 -3.12	59.83 0.00 -3.25	59.89 0.06 -3.20	60.42 0.06 -3.73	60.58 0.06 -3.89	61.02 0.11 -4.22	68.46 0.44 -5.08	94.37 0.62 -5.01	108.69 0.84 -3.13	101.12 0.68 -3.84	83.71 0.63 -4.44	66.41 0.36 -6.17	65.55 0.30 -5.25	67.54 0.38 -4.38
ONTARIO___LFGE 23819	57.54 0.11 -1.04	56.51 -0.33 -0.69	55.84 -0.51 -0.31	55.70 -0.56 -0.17	55.75 -0.45 -0.11	56.48 -0.22 -0.54	57.15 0.06 -0.82	56.73 0.06 -0.40	56.89 -0.22 -1.08	58.12 0.45 -0.79	61.10 0.17 -4.41	61.34 0.17 -4.59	61.38 0.23 -4.51	62.13 0.23 -5.27	62.41 0.28 -5.49	63.10 0.45 -5.96	71.25 1.13 -7.18	97.69 1.87 -7.08	111.45 2.30 -4.43	103.96 1.93 -5.42	86.57 1.65 -6.28	69.67 1.08 -8.72	68.37 0.96 -7.42	70.23 1.26 -6.20
ORANGEVILLE_WT_PWR 323706	54.88 -2.82 -1.32	53.60 -3.43 -0.87	52.73 -3.70 -0.40	52.66 -3.64 -0.21	52.76 -3.48 -0.14	53.58 -3.26 -0.69	54.32 -2.98 -1.04	53.79 -2.98 -0.51	53.81 -3.59 -1.36	55.14 -2.73 -0.99	58.52 -3.56 -5.56	58.86 -3.51 -5.79	58.93 -3.40 -5.69	59.88 -3.40 -6.64	60.10 -3.46 -6.92	60.86 -3.34 -7.51	69.03 -2.96 -9.05	93.50 -4.17 -8.92	104.85 -5.45 -5.58	98.71 -4.73 -6.83	83.17 -3.38 -7.91	68.35 -2.51 -10.99	67.01 -2.34 -9.35	68.89 -1.69 -7.81
ORANGEVILLE___ESR 323794	54.88 -2.82 -1.32	53.60 -3.43 -0.87	52.73 -3.70 -0.40	52.66 -3.64 -0.21	52.76 -3.48 -0.14	53.58 -3.26 -0.69	54.32 -2.98 -1.04	53.79 -2.98 -0.51	53.81 -3.59 -1.36	55.14 -2.73 -0.99	58.52 -3.56 -5.56	58.86 -3.51 -5.79	58.93 -3.40 -5.69	59.88 -3.40 -6.64	60.10 -3.46 -6.92	60.86 -3.34 -7.51	69.03 -2.96 -9.05	93.50 -4.17 -8.92	104.85 -5.45 -5.58	98.71 -4.73 -6.83	83.17 -3.38 -7.91	68.35 -2.51 -10.99	67.01 -2.34 -9.35	68.89 -1.69 -7.81
OSWEGATCHIE___HYD 24044	54.64 -1.92 -0.17	54.47 -1.80 -0.11	54.40 -1.68 -0.05	54.38 -1.74 -0.03	54.43 -1.68 -0.02	54.39 -1.85 -0.09	54.49 -1.91 -0.14	54.54 -1.80 -0.07	54.59 -1.63 -0.18	55.41 -1.59 -0.13	56.06 -1.19 -0.73	56.04 -1.30 -0.76	56.02 -1.36 -0.75	56.31 -1.19 -0.87	56.41 -1.13 -0.91	56.54 -1.13 -0.98	62.17 -1.95 -1.19	87.33 -2.58 -1.17	102.41 -3.04 -0.73	94.51 -3.00 -0.90	77.16 -2.52 -1.04	59.39 -1.92 -1.44	59.18 -2.04 -1.23	61.41 -2.39 -1.02
OSWEGO___5 23606	55.61 -1.29 -0.52	55.04 -1.46 -0.34	54.62 -1.57 -0.16	54.60 -1.57 -0.08	54.64 -1.51 -0.06	54.91 -1.51 -0.27	55.22 -1.46 -0.41	55.01 -1.46 -0.20	55.06 -1.51 -0.54	56.01 -1.25 -0.39	57.42 -1.30 -2.20	57.57 -1.30 -2.28	57.63 -1.25 -2.24	58.01 -1.25 -2.62	58.12 -1.25 -2.73	58.46 -1.19 -2.96	65.31 -1.20 -3.57	90.57 -1.69 -3.52	104.93 -1.99 -2.20	97.47 -1.84 -2.70	80.35 -1.41 -3.12	63.07 -1.14 -4.34	62.54 -1.14 -3.69	64.73 -1.13 -3.08
OSWEGO___6 23613	55.61 -1.29 -0.52	55.04 -1.46 -0.34	54.62 -1.57 -0.16	54.60 -1.57 -0.08	54.64 -1.51 -0.06	54.91 -1.51 -0.27	55.22 -1.46 -0.41	55.01 -1.46 -0.20	55.06 -1.51 -0.54	56.01 -1.25 -0.39	57.42 -1.30 -2.20	57.57 -1.30 -2.28	57.63 -1.25 -2.24	58.01 -1.25 -2.62	58.12 -1.25 -2.73	58.46 -1.19 -2.96	65.31 -1.20 -3.57	90.57 -1.69 -3.52	104.93 -1.99 -2.20	97.47 -1.84 -2.70	80.35 -1.41 -3.12	63.07 -1.14 -4.34	62.54 -1.14 -3.69	64.73 -1.13 -3.08
OUTOKUMPU-AB___DRP 24206	53.64 -3.83 -1.09	51.99 -4.89 -0.72	51.43 -4.93 -0.33	51.44 -4.82 -0.18	51.55 -4.66 -0.12	52.29 -4.44 -0.57	52.91 -4.22 -0.86	52.53 -4.16 -0.42	52.18 -4.99 -1.13	53.55 -4.15 -0.83	56.12 -5.03 -4.63	56.36 -5.04 -4.82	56.50 -4.87 -4.73	57.35 -4.81 -5.53	57.47 -4.93 -5.76	58.07 -4.88 -6.25	65.81 -4.66 -7.53	89.33 -6.83 -7.43	100.57 -8.80 -4.64	94.57 -7.73 -5.69	79.56 -5.66 -6.58	64.89 -4.13 -9.15	64.00 -3.78 -7.78	66.39 -2.89 -6.50
OXBOW___BTM 323836	53.13 -4.34 -1.08	51.88 -5.00 -0.72	50.98 -5.38 -0.33	50.93 -5.33 -0.17	51.05 -5.16 -0.12	51.84 -4.89 -0.57	52.40 -4.73 -0.85	52.02 -4.67 -0.42	51.67 -5.49 -1.12	53.14 -4.55 -0.82	55.51 -5.60 -4.59	55.75 -5.60 -4.77	55.84 -5.49 -4.69	56.68 -5.44 -5.48	56.80 -5.55 -5.71	57.39 -5.50 -6.19	65.05 -5.35 -7.46	88.20 -7.90 -7.36	99.17 -10.16 -4.60	93.36 -8.89 -5.63	78.56 -6.61 -6.52	64.15 -4.79 -9.07	63.27 -4.44 -7.71	65.70 -3.51 -6.44

OXBOW____ 24026	53.13 -4.34 -1.08	51.48 -5.39 -0.72	50.98 -5.38 -0.33	50.99 -5.27 -0.17	51.05 -5.16 -0.12	51.84 -4.89 -0.57	52.40 -4.73 -0.85	52.02 -4.67 -0.42	51.66 -5.49 -1.12	52.97 -4.72 -0.82	55.51 -5.60 -4.59	55.75 -5.60 -4.77	55.83 -5.49 -4.69	56.68 -5.44 -5.48	56.79 -5.55 -5.71	57.39 -5.50 -6.19	65.05 -5.35 -7.46	88.20 -7.90 -7.36	99.17 -10.16 -4.60	93.36 -8.89 -5.63	78.56 -6.61 -6.52	64.15 -4.79 -9.07	63.27 -4.44 -7.71	65.70 -3.52 -6.44
OXY_CHEM_DSASP 323612	52.55 -4.91 -1.07	50.97 -5.90 -0.71	50.47 -5.88 -0.32	50.43 -5.83 -0.17	50.49 -5.72 -0.12	51.27 -5.45 -0.56	51.77 -5.35 -0.85	51.40 -5.29 -0.41	51.04 -6.11 -1.11	52.28 -5.40 -0.81	54.74 -6.33 -4.55	54.97 -6.34 -4.73	55.05 -6.23 -4.65	55.83 -6.23 -5.43	56.01 -6.29 -5.66	56.54 -6.29 -6.14	64.16 -9.23 -7.39	86.80 -9.23 -7.29	97.55 -11.73 -4.56	91.86 -10.34 -5.58	77.32 -7.79 -6.46	63.17 -5.69 -8.98	62.36 -5.28 -7.64	64.82 -4.33 -6.38
OZONE_PARK_ESR 323760	68.71 5.13 -7.20	65.75 4.83 -4.76	62.90 4.71 -2.16	61.90 4.66 -1.15	61.42 4.54 -0.79	64.63 4.72 -3.75	66.95 5.01 -5.67	64.10 5.06 -2.77	68.85 5.38 -7.44	68.00 5.69 -5.44	92.46 5.48 -30.45	93.99 5.71 -31.69	93.62 5.83 -31.16	98.90 5.89 -36.37	100.49 5.89 -37.96	110.86 6.12 -48.04	123.14 6.99 -53.21	147.54 9.94 -48.86	147.00 11.73 -30.55	144.85 10.82 -37.41	130.76 8.81 -43.32	128.40 6.65 -61.88	118.11 6.72 -51.39	112.17 6.65 -42.74
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	52.55 -4.91 -1.07	50.97 -5.90 -0.71	50.47 -5.88 -0.32	50.43 -5.83 -0.17	50.49 -5.72 -0.12	51.27 -5.45 -0.56	51.77 -5.35 -0.85	51.40 -5.29 -0.41	51.04 -6.11 -1.11	52.28 -5.40 -0.81	54.74 -6.33 -4.55	54.97 -6.34 -4.73	55.05 -6.23 -4.65	55.83 -6.23 -5.43	56.01 -6.29 -5.66	56.54 -6.29 -6.14	64.16 -9.23 -7.39	86.80 -9.23 -7.29	97.55 -11.73 -4.56	91.86 -10.34 -5.58	77.32 -7.79 -6.46	63.17 -5.69 -8.98	62.36 -5.28 -7.64	64.82 -4.33 -6.38
PACKARD__115KV_DUPONT_184 80571	52.55 -4.91 -1.07	50.97 -5.90 -0.71	50.47 -5.88 -0.32	50.43 -5.83 -0.17	50.49 -5.72 -0.12	51.27 -5.45 -0.56	51.77 -5.35 -0.85	51.40 -5.29 -0.41	51.04 -6.11 -1.11	52.28 -5.40 -0.81	54.74 -6.33 -4.55	54.97 -6.34 -4.73	55.05 -6.23 -4.65	55.83 -6.23 -5.43	56.01 -6.29 -5.66	56.54 -6.29 -6.14	64.16 -9.23 -7.39	86.80 -9.23 -7.29	97.55 -11.73 -4.56	91.86 -10.34 -5.58	77.32 -7.79 -6.46	63.17 -5.69 -8.98	62.36 -5.28 -7.64	64.82 -4.33 -6.38
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	68.67 5.07 -7.21	65.81 4.89 -4.77	62.96 4.76 -2.17	61.80 4.54 -1.16	61.60 4.71 -0.79	64.69 4.77 -3.76	66.96 5.01 -5.67	63.88 4.84 -2.77	68.35 4.88 -7.44	67.55 5.23 -5.44	92.18 5.20 -30.46	93.54 5.26 -31.70	93.18 5.38 -31.16	98.44 5.44 -36.36	99.92 5.38 -37.90	103.79 5.50 -41.60	118.96 6.23 -49.79	146.66 9.05 -48.87	145.96 10.68 -30.55	143.89 9.85 -37.42	129.98 8.02 -43.32	126.61 5.87 -60.87	117.42 6.00 -51.43	111.68 6.15 -42.75
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	69.46 5.86 -7.21	66.60 5.67 -4.77	63.75 5.55 -2.17	62.53 5.27 -1.16	62.33 5.44 -0.79	65.48 5.56 -3.76	67.69 5.74 -5.67	64.61 5.57 -2.77	69.08 5.60 -7.44	68.34 6.03 -5.44	92.91 5.93 -30.46	94.33 6.05 -31.70	93.97 6.17 -31.16	99.23 6.23 -36.36	100.71 6.17 -37.90	104.59 6.29 -41.60	119.84 7.11 -49.79	147.99 10.38 -48.87	147.43 12.15 -30.55	145.24 11.21 -37.42	131.01 9.04 -43.32	127.50 6.77 -60.87	118.38 6.96 -51.43	112.75 7.22 -42.75
PATROON__115KV_TB1 80586	67.88 2.54 -8.96	64.61 2.53 -5.93	61.24 2.52 -2.69	60.00 2.47 -1.44	59.59 2.52 -0.98	63.41 2.58 -4.67	65.91 2.59 -7.05	62.25 2.53 -3.45	67.82 2.52 -9.26	66.25 2.62 -6.76	96.97 2.54 -37.91	98.51 2.49 -39.44	97.90 2.49 -38.77	104.27 2.38 -45.25	106.12 2.32 -47.17	109.91 2.04 -51.18	126.86 2.27 -61.66	152.65 3.11 -60.81	146.30 3.56 -38.01	146.55 3.38 -46.55	135.30 2.75 -53.91	137.00 2.22 -74.91	125.99 2.28 -63.71	118.68 2.70 -53.20
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	53.28 -4.29 -1.19	51.72 -5.22 -0.78	51.12 -5.27 -0.36	51.06 -5.22 -0.19	51.23 -4.99 -0.13	52.06 -4.72 -0.62	52.82 -4.39 -0.93	52.34 -4.39 -0.46	52.16 -5.10 -1.23	53.50 -4.27 -0.89	56.57 -4.97 -5.02	56.82 -4.98 -5.22	56.96 -4.81 -5.13	57.81 -4.81 -5.99	57.95 -4.93 -6.25	58.59 -4.88 -6.78	66.57 -4.53 -8.16	90.40 -6.39 -8.05	101.48 -8.27 -5.03	95.53 -7.25 -6.16	80.43 -5.35 -7.14	65.84 -3.95 -9.92	64.65 -3.78 -8.44	66.68 -3.14 -7.05
PAWLING_115_KV_BK3_REV_LBMP_H 345028	68.44 4.79 -7.26	65.40 4.44 -4.80	62.47 4.26 -2.18	61.57 4.32 -1.16	60.92 4.04 -0.79	64.10 4.16 -3.79	66.38 4.39 -5.72	63.62 4.56 -2.79	68.36 4.82 -7.51	67.42 5.06 -5.48	92.28 5.03 -30.73	93.70 5.15 -31.97	93.27 5.21 -31.42	98.53 5.21 -36.68	100.19 5.32 -38.23	103.67 5.50 -41.48	119.27 6.36 -49.98	147.17 9.14 -49.29	146.85 11.31 -30.81	144.68 10.34 -37.73	130.75 8.41 -43.69	126.76 6.17 -60.72	117.70 6.06 -51.64	111.99 6.09 -43.12
PEEKSKILL____ 23653	67.50 4.00 -7.12	64.63 3.76 -4.71	61.81 3.64 -2.14	60.88 3.64 -1.14	60.40 3.54 -0.78	63.57 3.71 -3.71	65.81 3.94 -5.60	63.06 4.05 -2.74	67.65 4.26 -7.35	66.79 4.55 -5.37	91.09 4.46 -30.11	92.48 4.58 -31.32	92.12 4.70 -30.79	97.34 4.76 -35.94	98.80 4.70 -37.46	102.57 4.88 -41.00	117.63 5.54 -49.16	145.02 7.99 -48.29	144.44 9.53 -30.19	142.38 8.79 -36.98	128.61 7.16 -42.81	124.82 5.27 -59.68	115.98 5.34 -50.65	110.43 5.40 -42.25
PGE MADISON__WINDPWR 24146	62.81 4.17 -2.26	61.64 3.99 -1.49	60.69 3.98 -0.68	60.27 3.82 -0.36	60.26 3.93 -0.25	61.60 4.27 -1.18	62.49 4.44 -1.78	61.64 4.50 -0.87	62.79 4.43 -2.33	63.75 5.17 -1.70	71.50 5.43 -9.55	71.95 5.43 -9.94	71.84 5.44 -9.77	73.59 5.55 -11.40	74.24 5.72 -11.89	75.54 5.95 -12.90	85.90 7.42 -15.54	114.53 10.47 -15.32	126.65 12.35 -9.58	119.45 11.11 -11.73	101.42 9.20 -13.58	85.45 6.70 -18.88	82.48 6.42 -16.06	83.46 7.28 -13.41
PIERCEFIELD__HYD 23852	53.85 -2.54 0.00	53.97 -2.19 0.00	53.90 -2.13 0.00	53.90 -2.19 0.00	53.85 -2.24 0.00	53.63 -2.53 0.00	53.57 -2.70 0.00	53.74 -2.53 0.00	53.63 -2.41 0.00	54.20 -2.67 0.00	54.09 -2.43 0.00	54.09 -2.49 0.00	54.03 -2.61 0.00	54.09 -2.55 0.00	54.09 -2.55 0.00	54.03 -2.66 0.00	58.66 -4.28 0.00	82.80 -5.95 0.00	97.92 -6.81 0.00	90.14 -6.47 0.00	73.06 -5.58 0.00	55.98 -3.89 0.00	56.16 -3.84 0.00	58.26 -4.52 0.00
PINELAWN_CC_1 323563	69.69 5.81 -7.50	66.49 5.56 -4.77	67.40 5.43 -5.93	62.58 5.33 -1.15	62.21 5.33 -0.79	66.12 5.51 -4.46	72.34 5.74 -10.32	74.27 5.85 -12.15	77.84 6.00 -15.80	77.33 6.31 -14.14	93.07 6.11 -30.44	94.31 6.06 -31.67	94.05 6.29 -31.13	99.43 6.45 -36.34	114.23 6.45 -51.14	131.28 6.63 -67.96	146.70 7.61 -76.15	154.23 10.91 -54.58	154.34 12.88 -36.74	153.57 11.88 -45.08	150.29 9.75 -61.91	149.56 7.24 -82.45	142.55 7.26 -75.29	124.14 7.40 -53.96
PJM_GEN_HTP_PROXY 323702	68.15 4.57 -7.20	65.30 4.38 -4.76	62.40 4.20 -2.16	61.45 4.21 -1.15	60.97 4.09 -0.79	64.18 4.27 -3.75	66.44 4.50 -5.67	63.66 4.62 -2.77	68.58 4.87 -7.67	67.25 5.17 -5.20	91.95 4.97 -30.45	93.42 5.15 -31.69	93.05 5.27 -31.15	98.32 5.32 -36.36	99.90 5.32 -37.94	108.65 5.56 -46.40	121.57 6.29 -52.34	146.55 8.96 -48.85	145.84 10.57 -30.54	143.77 9.75 -37.41	129.97 8.03 -43.31	127.36 5.99 -61.50	117.40 6.06 -51.35	111.54 6.03 -42.74

PJM_GEN_KEystone 24065	61.17 0.40 -4.39	59.06 0.00 -2.90	57.18 -0.17 -1.32	56.63 -0.17 -0.70	56.46 -0.11 -0.48	58.61 0.17 -2.29	60.12 0.40 -3.45	58.41 0.45 -1.69	61.08 0.28 -4.77	60.75 0.80 -3.07	75.47 0.40 -18.56	76.33 0.45 -19.30	76.18 0.57 -18.98	79.35 0.57 -22.15	80.24 0.51 -23.09	82.97 0.62 -25.66	94.57 1.13 -30.50	120.28 1.77 -29.76	125.00 1.67 -18.61	121.14 1.74 -22.79	106.68 1.65 -26.38	97.92 1.20 -36.85	92.53 1.32 -31.21	90.39 1.57 -26.04
PJM_GEN_NEPTUNE_PROXY 323594	68.90 5.02 -7.50	65.70 4.77 -4.77	66.61 4.65 -5.93	61.79 4.54 -1.15	61.42 4.54 -0.79	65.33 4.72 -4.46	71.55 4.95 -10.32	73.49 5.07 -12.15	77.34 5.27 -16.04	76.36 5.58 -13.91	92.34 5.37 -30.44	93.68 5.43 -31.67	93.32 5.55 -31.13	98.70 5.72 -36.34	113.49 5.72 -51.14	130.49 5.84 -67.96	145.69 6.61 -76.15	152.82 9.50 -54.58	152.67 11.21 -36.73	152.03 10.34 -45.08	149.04 8.50 -61.91	148.60 6.28 -82.45	141.71 6.42 -75.29	123.20 6.47 -53.96
PJM_GEN_VFT_PROXY 323633	67.98 4.40 -7.20	65.07 4.16 -4.76	62.17 3.98 -2.16	61.29 4.04 -1.15	60.74 3.87 -0.79	63.96 4.05 -3.75	66.21 4.27 -5.67	63.42 4.39 -2.76	68.36 4.65 -7.67	67.02 4.95 -5.20	91.78 4.80 -30.45	93.25 4.98 -31.69	92.89 5.10 -31.16	98.16 5.15 -36.37	99.75 5.15 -37.96	110.06 5.33 -48.04	122.25 6.10 -53.21	146.21 8.61 -48.86	145.33 10.05 -30.55	143.40 9.37 -37.41	129.67 7.71 -43.32	127.56 5.81 -61.88	117.27 5.88 -51.39	111.29 5.77 -42.74
PLATSBRG_115KV_PMLD1 355749	55.93 -0.45 0.00	56.10 -0.06 0.00	55.86 -0.17 0.00	55.92 -0.17 0.00	55.75 -0.34 0.00	55.71 -0.45 0.00	55.03 -1.24 0.00	55.43 -0.84 0.00	55.42 -0.62 0.00	55.97 -0.91 0.00	55.50 -1.02 0.00	55.51 -1.08 0.00	55.56 -1.08 0.00	55.33 -1.30 0.00	55.33 -1.30 0.00	55.10 -1.59 0.00	61.05 -1.89 0.00	86.43 -2.31 0.00	102.31 -2.41 0.00	94.29 -2.32 0.00	76.28 -2.36 0.00	58.14 -1.74 0.00	58.38 -1.62 0.00	61.90 -0.88 0.00
PLEASANTVLY___LBMP 24000	67.65 3.66 -7.60	64.67 3.48 -5.03	61.73 3.42 -2.28	60.67 3.37 -1.22	60.29 3.37 -0.83	63.60 3.48 -3.97	65.86 3.60 -5.98	62.85 3.66 -2.92	67.70 3.81 -7.86	66.65 4.04 -5.73	92.64 3.96 -32.17	94.06 4.02 -33.46	93.61 4.08 -32.89	99.17 4.13 -38.40	100.79 4.13 -40.02	104.37 4.25 -43.42	120.10 4.85 -52.31	147.26 6.92 -51.59	145.15 8.17 -32.25	143.65 7.54 -39.50	130.51 6.13 -45.74	127.98 4.55 -63.56	118.67 4.62 -54.06	112.50 4.58 -45.14
PLSNTVLE_13_KV_13.8KVDIST 80602	67.83 4.17 -7.28	64.90 3.93 -4.81	62.08 3.87 -2.19	61.07 3.81 -1.17	60.64 3.76 -0.80	63.88 3.93 -3.79	66.11 4.11 -5.73	63.29 4.22 -2.80	67.98 4.43 -7.52	67.03 4.66 -5.49	91.88 4.58 -30.78	93.35 4.75 -32.02	92.92 4.81 -31.47	98.25 4.87 -36.74	99.79 4.87 -38.29	102.75 4.99 -41.07	118.47 5.73 -49.80	146.36 8.25 -49.37	145.32 9.74 -30.86	143.38 8.98 -37.79	129.79 7.39 -43.76	125.89 5.45 -60.57	117.18 5.52 -51.66	111.50 5.52 -43.19
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	67.83 4.17 -7.28	64.90 3.93 -4.81	62.08 3.87 -2.19	61.07 3.81 -1.17	60.64 3.76 -0.80	63.88 3.93 -3.79	66.11 4.11 -5.73	63.29 4.22 -2.80	67.98 4.43 -7.52	67.03 4.66 -5.49	91.88 4.58 -30.78	93.35 4.75 -32.02	92.92 4.81 -31.47	98.25 4.87 -36.74	99.79 4.87 -38.29	102.75 4.99 -41.07	118.47 5.73 -49.80	146.36 8.25 -49.37	145.32 9.74 -30.86	143.38 8.98 -37.79	129.79 7.39 -43.76	125.89 5.45 -60.57	117.18 5.52 -51.66	111.50 5.52 -43.19
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	68.38 4.68 -7.32	65.32 4.32 -4.84	62.43 4.20 -2.20	61.47 4.21 -1.17	61.04 4.15 -0.80	64.24 4.27 -3.81	66.36 4.33 -5.76	63.36 4.28 -2.81	68.08 4.48 -7.56	67.00 4.61 -5.52	92.04 4.58 -30.94	93.52 4.75 -32.19	93.04 4.76 -31.64	98.44 4.87 -36.94	100.06 4.93 -38.50	103.62 5.16 -41.77	119.18 5.92 -50.32	147.16 8.79 -49.63	146.33 10.58 -31.03	144.37 9.76 -38.00	130.42 7.79 -44.00	126.82 5.81 -61.14	117.76 5.76 -52.00	111.98 5.78 -43.43
POLETTI_____ 23519	68.32 4.74 -7.20	65.35 4.44 -4.76	62.51 4.31 -2.16	61.56 4.32 -1.15	61.14 4.26 -0.79	64.29 4.38 -3.75	66.55 4.61 -5.67	63.77 4.73 -2.77	68.46 4.99 -7.44	67.60 5.29 -5.44	92.06 5.09 -30.45	93.59 5.32 -31.69	93.17 5.38 -31.16	98.50 5.49 -36.37	100.09 5.49 -37.96	110.34 5.61 -48.04	122.57 6.42 -53.21	146.65 9.05 -48.86	145.95 10.68 -30.55	143.88 9.85 -37.41	130.06 8.10 -43.32	127.86 6.11 -61.88	117.57 6.18 -51.39	111.67 6.15 -42.74
POMONA___ESR 323819	67.17 3.84 -6.95	64.35 3.60 -4.60	61.59 3.48 -2.09	60.68 3.48 -1.11	60.27 3.42 -0.76	63.38 3.60 -3.62	65.51 3.77 -5.47	62.77 3.83 -2.67	67.25 4.04 -7.18	66.44 4.32 -5.24	90.28 4.35 -29.40	91.70 4.53 -30.59	91.29 4.59 -30.07	96.32 4.59 -35.10	97.75 4.53 -36.58	101.36 4.70 -39.96	116.19 5.29 -47.96	143.71 7.81 -47.16	143.31 9.11 -29.48	141.22 8.50 -36.11	127.37 6.92 -41.81	123.20 5.09 -58.24	114.73 5.28 -49.45	109.37 5.33 -41.26
PORT_JEFF_3 23555	70.20 6.31 -7.50	67.00 6.07 -4.77	67.90 5.94 -5.93	63.08 5.83 -1.15	62.71 5.83 -0.79	66.68 6.07 -4.46	72.84 6.25 -10.32	74.72 6.30 -12.15	78.22 6.39 -15.80	77.78 6.76 -14.14	93.41 6.44 -30.44	94.53 6.28 -31.67	94.22 6.45 -31.13	99.66 6.68 -36.34	114.40 6.62 -51.14	131.39 6.74 -67.96	146.76 7.68 -76.15	154.23 10.91 -54.58	154.23 12.77 -36.73	153.67 11.98 -45.08	150.29 9.75 -61.91	149.68 7.36 -82.45	142.85 7.56 -75.29	124.39 7.66 -53.96
PORT_JEFF_4 23616	70.20 6.31 -7.50	67.00 6.07 -4.77	67.90 5.94 -5.93	63.08 5.83 -1.15	62.71 5.83 -0.79	66.68 6.07 -4.46	72.84 6.25 -10.32	74.72 6.30 -12.15	78.22 6.39 -15.80	77.78 6.76 -14.14	93.41 6.44 -30.44	94.53 6.28 -31.67	94.22 6.45 -31.13	99.66 6.68 -36.34	114.40 6.62 -51.14	131.39 6.74 -67.96	146.76 7.68 -76.15	154.23 10.91 -54.58	154.23 12.77 -36.73	153.67 11.98 -45.08	150.29 9.75 -61.91	149.68 7.36 -82.45	142.85 7.56 -75.29	124.39 7.66 -53.96
PORT_JEFF_IC 23713	70.25 6.37 -7.50	67.05 6.12 -4.77	67.96 6.00 -5.93	63.13 5.89 -1.15	62.77 5.89 -0.79	66.74 6.12 -4.46	72.95 6.36 -10.32	74.78 6.36 -12.15	78.28 6.44 -15.80	77.90 6.88 -14.14	93.46 6.50 -30.44	94.64 6.39 -31.67	94.34 6.57 -31.13	99.77 6.79 -36.34	114.51 6.74 -51.14	131.51 6.86 -67.96	146.95 7.87 -76.15	154.50 11.18 -54.58	154.55 13.09 -36.73	153.87 12.17 -45.08	150.45 9.91 -61.91	149.86 7.54 -82.45	142.97 7.68 -75.29	124.52 7.78 -53.96
PPL PILGRIM_ST_GT1 24216	70.20 6.31 -7.50	67.05 6.12 -4.77	67.90 5.94 -5.93	63.08 5.83 -1.15	62.71 5.83 -0.79	66.63 6.01 -4.46	72.84 6.25 -10.32	74.78 6.36 -12.15	78.34 6.50 -15.80	77.78 6.76 -14.14	93.46 6.50 -30.44	94.70 6.45 -31.67	94.39 6.62 -31.13	99.83 6.85 -36.34	114.57 6.79 -51.14	131.62 6.97 -67.96	147.02 7.93 -76.15	154.68 11.36 -54.58	154.76 13.30 -36.73	154.06 12.37 -45.08	150.69 10.15 -61.91	149.80 7.48 -82.45	142.91 7.62 -75.29	124.52 7.78 -53.96
PPL PILGRIM_ST_GT2 24217	70.20 6.31 -7.50	67.05 6.12 -4.77	67.90 5.94 -5.93	63.08 5.83 -1.15	62.71 5.83 -0.79	66.63 6.01 -4.46	72.84 6.25 -10.32	74.78 6.36 -12.15	78.34 6.50 -15.80	77.78 6.76 -14.14	93.46 6.50 -30.44	94.70 6.45 -31.67	94.39 6.62 -31.13	99.83 6.85 -36.34	114.57 6.79 -51.14	131.62 6.97 -67.96	147.02 7.93 -76.15	154.68 11.36 -54.58	154.76 13.30 -36.73	154.06 12.37 -45.08	150.69 10.15 -61.91	149.80 7.48 -82.45	142.91 7.62 -75.29	124.52 7.78 -53.96

PPL_SHRM_GT3 24213	70.65 6.76 -7.50	67.39 6.46 -4.77	68.29 6.33 -5.93	63.47 6.23 -1.15	63.16 6.28 -0.79	67.07 6.46 -4.46	73.29 6.69 -10.32	75.06 6.64 -12.15	78.50 6.67 -15.80	78.24 7.22 -14.14	93.74 6.78 -30.44	94.92 6.67 -31.67	94.68 6.91 -31.13	100.00 7.02 -36.34	114.74 6.96 -51.14	131.62 6.97 -67.96	147.21 8.12 -76.15	154.85 11.53 -54.58	154.97 13.51 -36.73	154.25 12.55 -45.08	150.69 10.15 -61.91	150.28 7.96 -82.45	143.45 8.16 -75.29	124.95 8.22 -53.96
PPL_SHRM_GT4 24214	70.65 6.76 -7.50	67.39 6.46 -4.77	68.29 6.33 -5.93	63.47 6.23 -1.15	63.16 6.28 -0.79	67.07 6.46 -4.46	73.29 6.69 -10.32	75.06 6.64 -12.15	78.50 6.67 -15.80	78.24 7.22 -14.14	93.74 6.78 -30.44	94.92 6.67 -31.67	94.68 6.91 -31.13	100.00 7.02 -36.34	114.74 6.96 -51.14	131.62 6.97 -67.96	147.21 8.12 -76.15	154.85 11.53 -54.58	154.97 13.51 -36.73	154.25 12.55 -45.08	150.69 10.15 -61.91	150.28 7.96 -82.45	143.45 8.16 -75.29	124.95 8.22 -53.96
PROJECT___ORANGE 1 24174	56.59 -0.45 -0.65	55.86 -0.73 -0.43	55.44 -0.78 -0.20	55.41 -0.79 -0.10	55.43 -0.73 -0.07	55.82 -0.67 -0.34	56.17 -0.62 -0.51	55.96 -0.56 -0.25	56.09 -0.62 -0.68	57.08 -0.28 -0.49	58.95 -0.34 -2.77	59.17 -0.28 -2.88	59.24 -0.23 -2.83	59.71 -0.23 -3.30	59.85 -0.23 -3.44	60.25 -0.17 -3.73	67.56 0.13 -4.50	93.27 0.09 -4.44	107.71 0.21 -2.77	100.20 0.19 -3.40	82.73 0.16 -3.93	65.40 0.06 -5.46	64.64 0.00 -4.65	66.72 0.06 -3.88
PROJECT___ORANGE 2 24166	56.59 -0.45 -0.65	55.86 -0.73 -0.43	55.44 -0.78 -0.20	55.41 -0.79 -0.10	55.43 -0.73 -0.07	55.82 -0.67 -0.34	56.17 -0.62 -0.51	55.96 -0.56 -0.25	56.09 -0.62 -0.68	57.08 -0.28 -0.49	58.95 -0.34 -2.77	59.17 -0.28 -2.88	59.24 -0.23 -2.83	59.71 -0.23 -3.30	59.85 -0.23 -3.44	60.25 -0.17 -3.73	67.56 0.13 -4.50	93.27 0.09 -4.44	107.71 0.21 -2.77	100.20 0.19 -3.40	82.73 0.16 -3.93	65.40 0.06 -5.46	64.64 0.00 -4.65	66.72 0.06 -3.88
PUCKETT___SOLAR 323809	60.37 1.58 -2.41	59.04 1.29 -1.59	57.93 1.18 -0.72	57.66 1.18 -0.39	57.65 1.29 -0.26	58.87 1.46 -1.26	59.80 1.63 -1.90	58.83 1.63 -0.93	59.98 1.45 -2.49	60.63 1.93 -1.82	68.53 1.81 -10.20	69.00 1.81 -10.61	68.93 1.87 -10.43	70.74 1.93 -12.17	71.31 1.98 -12.69	72.67 2.21 -13.77	82.48 2.96 -16.59	109.45 4.35 -16.36	120.08 5.13 -10.23	113.87 4.73 -12.52	97.07 3.93 -14.50	82.90 2.87 -20.15	79.90 2.76 -17.14	80.16 3.08 -14.31
PYRITES___HYD 24023	54.75 -1.64 0.00	54.92 -1.24 0.00	54.85 -1.18 0.00	54.86 -1.23 0.00	54.80 -1.29 0.00	54.64 -1.52 0.00	54.64 -1.63 0.00	54.75 -1.52 0.00	54.69 -1.34 0.00	55.34 -1.54 0.00	55.28 -1.24 0.00	55.34 -1.24 0.00	55.28 -1.36 0.00	55.39 -1.25 0.00	55.39 -1.25 0.00	55.27 -1.42 0.00	60.04 -2.90 0.00	84.75 -3.99 0.00	100.22 -4.50 0.00	92.36 -4.25 0.00	74.86 -3.77 0.00	57.24 -2.63 0.00	57.30 -2.70 0.00	59.51 -3.26 0.00
QUAKERRD_115KV_BK1 80622	54.63 -2.59 -0.84	53.57 -3.14 -0.56	53.03 -3.25 -0.25	53.03 -3.20 -0.14	53.10 -3.08 -0.09	53.62 -2.98 -0.44	54.12 -2.81 -0.66	53.90 -2.70 -0.32	53.88 -3.03 -0.87	55.01 -2.50 -0.64	57.32 -2.77 -3.57	57.58 -2.72 -3.71	57.62 -2.66 -3.65	58.29 -2.61 -4.26	58.41 -2.66 -4.44	58.90 -2.61 -4.82	66.28 -2.45 -5.80	91.00 -3.46 -5.72	104.01 -4.29 -3.58	97.13 -3.86 -4.38	80.72 -2.99 -5.07	64.65 -2.28 -7.05	63.65 -2.34 -5.99	65.77 -2.01 -5.01
QUENSBRY_115KV_TB8 356137	70.07 4.51 -9.17	66.49 4.27 -6.07	62.99 4.20 -2.76	61.77 4.21 -1.47	61.36 4.26 -1.00	65.32 4.38 -4.78	67.49 4.00 -7.22	63.91 4.11 -3.53	69.60 4.09 -9.48	67.95 4.15 -6.92	98.83 3.50 -38.81	100.68 3.73 -40.37	100.00 3.68 -39.68	106.53 3.57 -46.32	108.60 3.68 -48.28	112.93 3.86 -52.39	130.52 4.47 -63.11	157.37 6.39 -62.24	151.07 7.44 -38.91	151.41 7.15 -47.65	139.48 5.66 -55.18	141.82 5.27 -76.68	130.31 5.10 -65.22	122.57 5.34 -54.46
RAMAPO___LBMP 323565	66.98 3.66 -6.93	64.17 3.43 -4.58	61.47 3.36 -2.08	60.51 3.31 -1.11	60.16 3.31 -0.76	63.25 3.48 -3.61	65.39 3.66 -5.46	62.65 3.71 -2.66	67.12 3.92 -7.16	66.31 4.21 -5.23	89.97 4.13 -29.32	91.38 4.30 -30.50	90.98 4.36 -29.98	96.05 4.42 -35.00	97.48 4.36 -36.48	101.01 4.48 -39.84	115.86 5.10 -47.82	143.31 7.54 -47.03	142.92 8.80 -29.40	140.73 8.12 -36.01	127.01 6.68 -41.69	122.85 4.91 -58.07	114.35 5.04 -49.31	109.01 5.08 -41.15
RANKINE____ 23646	53.99 -3.55 -1.16	52.32 -4.60 -0.77	51.78 -4.59 -0.35	51.73 -4.54 -0.19	51.84 -4.38 -0.13	52.66 -4.10 -0.61	53.36 -3.83 -0.92	52.89 -3.83 -0.45	52.64 -4.59 -1.20	54.00 -3.75 -0.88	56.92 -4.52 -4.92	57.17 -4.53 -5.12	57.31 -4.36 -5.03	58.15 -4.36 -5.87	58.28 -4.47 -6.12	58.91 -4.42 -6.64	66.85 -4.09 -8.00	90.78 -5.86 -7.89	102.01 -7.64 -4.93	95.99 -6.67 -6.04	80.76 -4.88 -7.00	66.06 -3.53 -9.72	65.03 -3.24 -8.27	67.23 -2.45 -6.91
RAVENSWOOD_GT2_1 24244	68.32 4.74 -7.20	65.35 4.44 -4.76	62.51 4.31 -2.16	61.56 4.32 -1.15	61.08 4.21 -0.79	64.29 4.38 -3.75	66.55 4.61 -5.67	63.71 4.67 -2.77	68.41 4.93 -7.44	67.55 5.23 -5.44	92.06 5.09 -30.46	93.54 5.26 -31.70	93.18 5.38 -31.16	98.45 5.44 -36.38	100.06 5.44 -37.98	111.77 5.56 -49.52	123.30 6.36 -54.00	146.75 9.14 -48.87	145.96 10.68 -30.55	143.98 9.95 -37.42	130.06 8.10 -43.32	128.14 6.05 -62.22	117.54 6.12 -51.43	111.67 6.15 -42.74
RAVENSWOOD_GT2_2 24245	68.32 4.74 -7.20	65.35 4.44 -4.76	62.51 4.31 -2.16	61.56 4.32 -1.15	61.08 4.21 -0.79	64.29 4.38 -3.75	66.55 4.61 -5.67	63.71 4.67 -2.77	68.41 4.93 -7.44	67.55 5.23 -5.44	92.06 5.09 -30.46	93.54 5.26 -31.70	93.18 5.38 -31.16	98.45 5.44 -36.38	100.06 5.44 -37.98	111.77 5.56 -49.52	123.30 6.36 -54.00	146.75 9.14 -48.87	145.96 10.68 -30.55	143.98 9.95 -37.42	130.06 8.10 -43.32	128.14 6.05 -62.22	117.54 6.12 -51.43	111.67 6.15 -42.74
RAVENSWOOD_GT2_3 24246	68.32 4.74 -7.20	65.35 4.44 -4.76	62.51 4.31 -2.16	61.56 4.32 -1.15	61.08 4.21 -0.79	64.29 4.38 -3.75	66.55 4.61 -5.67	63.77 4.73 -2.77	68.46 4.99 -7.44	67.60 5.29 -5.44	92.06 5.09 -30.46	93.60 5.32 -31.70	93.18 5.38 -31.16	98.51 5.49 -36.38	100.06 5.44 -37.98	111.83 5.61 -49.52	123.30 6.36 -54.00	146.75 9.14 -48.87	146.06 10.79 -30.55	143.98 9.95 -37.42	130.14 8.18 -43.32	128.14 6.05 -62.22	117.54 6.12 -51.43	111.67 6.15 -42.74
RAVENSWOOD_GT2_4 24247	68.32 4.74 -7.20	65.35 4.44 -4.76	62.51 4.31 -2.16	61.56 4.32 -1.15	61.08 4.21 -0.79	64.29 4.38 -3.75	66.55 4.61 -5.67	63.77 4.73 -2.77	68.46 4.99 -7.44	67.60 5.29 -5.44	92.06 5.09 -30.46	93.60 5.32 -31.70	93.18 5.38 -31.16	98.51 5.49 -36.38	100.06 5.44 -37.98	111.83 5.61 -49.52	123.30 6.36 -54.00	146.75 9.14 -48.87	146.06 10.79 -30.55	143.98 9.95 -37.42	130.14 8.18 -43.32	128.14 6.05 -62.22	117.54 6.12 -51.43	111.67 6.15 -42.74
RAVENSWOOD_GT3_1 24248	68.32 4.74 -7.20	65.35 4.44 -4.76	62.51 4.31 -2.16	61.56 4.32 -1.15	61.08 4.21 -0.79	64.29 4.38 -3.75	66.55 4.61 -5.67	63.71 4.67 -2.77	68.41 4.93 -7.44	67.55 5.23 -5.44	92.06 5.09 -30.46	93.60 5.32 -31.70	93.18 5.38 -31.16	98.45 5.44 -36.38	100.06 5.44 -37.98	111.83 5.61 -49.52	123.30 6.36 -54.00	146.75 9.14 -48.87	145.96 10.68 -30.55	143.98 9.95 -37.42	130.06 8.10 -43.32	128.14 6.05 -62.22	117.54 6.12 -51.43	111.67 6.15 -42.74



RAVENSWOOD_GT3_2 24249	68.32 4.74 -7.20	65.35 4.44 -4.76	62.51 4.31 -2.16	61.56 4.32 -1.15	61.08 4.21 -0.79	64.29 4.38 -3.75	66.55 4.61 -5.67	63.71 4.67 -2.77	68.41 4.93 -7.44	67.55 5.23 -5.44	92.06 5.09 -30.46	93.60 5.32 -31.70	93.18 5.38 -31.16	98.45 5.44 -36.38	100.06 5.44 -37.98	111.83 5.61 -49.52	123.30 6.36 -54.00	146.75 9.14 -48.87	145.96 10.68 -30.55	143.98 9.95 -37.42	130.06 8.10 -43.32	128.14 6.05 -62.22	117.54 6.12 -51.43	111.67 6.15 -42.74
RAVENSWOOD_GT3_3 24250	68.38 4.79 -7.20	65.41 4.49 -4.76	62.56 4.37 -2.16	61.62 4.38 -1.15	61.14 4.26 -0.79	64.35 4.44 -3.75	66.61 4.67 -5.67	63.77 4.73 -2.77	68.46 4.99 -7.44	67.66 5.35 -5.44	92.12 5.14 -30.46	93.65 5.38 -31.70	93.23 5.44 -31.16	98.56 5.55 -36.38	100.11 5.49 -37.98	111.88 5.67 -49.52	123.36 6.42 -54.00	146.84 9.23 -48.87	146.17 10.89 -30.55	144.08 10.05 -37.42	130.22 8.26 -43.32	128.20 6.11 -62.22	117.60 6.18 -51.43	111.73 6.21 -42.74
RAVENSWOOD_GT3_4 24251	68.38 4.79 -7.20	65.41 4.49 -4.76	62.56 4.37 -2.16	61.62 4.38 -1.15	61.14 4.26 -0.79	64.35 4.44 -3.75	66.61 4.67 -5.67	63.77 4.73 -2.77	68.46 4.99 -7.44	67.66 5.35 -5.44	92.12 5.14 -30.46	93.65 5.38 -31.70	93.23 5.44 -31.16	98.56 5.55 -36.38	100.11 5.49 -37.98	111.88 5.67 -49.52	123.36 6.42 -54.00	146.84 9.23 -48.87	146.17 10.89 -30.55	144.08 10.05 -37.42	130.22 8.26 -43.32	128.20 6.11 -62.22	117.60 6.18 -51.43	111.73 6.21 -42.74
RAVENSWOOD_GT_1 23729	68.61 5.02 -7.21	65.64 4.72 -4.77	62.80 4.59 -2.17	61.85 4.60 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.84 4.90 -5.67	63.94 4.90 -2.77	68.63 5.16 -7.44	67.83 5.52 -5.44	92.35 5.37 -30.46	93.82 5.54 -31.70	93.46 5.66 -31.16	98.73 5.72 -36.38	100.28 5.66 -37.98	112.00 5.78 -49.52	123.49 6.55 -54.00	147.19 9.58 -48.87	146.48 11.21 -30.55	144.37 10.34 -37.42	130.38 8.41 -43.32	128.31 6.23 -62.22	117.78 6.36 -51.43	111.99 6.47 -42.75
RAVENSWOOD_GT_10 24258	68.26 4.68 -7.20	65.36 4.44 -4.76	62.51 4.31 -2.16	61.51 4.26 -1.15	61.09 4.21 -0.79	64.24 4.32 -3.76	66.55 4.61 -5.67	63.71 4.67 -2.77	68.41 4.93 -7.44	67.55 5.23 -5.44	92.06 5.09 -30.46	93.54 5.26 -31.70	93.18 5.38 -31.16	98.45 5.44 -36.38	100.06 5.44 -37.98	111.77 5.56 -49.52	123.30 6.36 -54.00	146.75 9.14 -48.87	145.96 10.68 -30.55	143.89 9.85 -37.42	130.06 8.10 -43.32	128.14 6.05 -62.22	117.54 6.12 -51.43	111.67 6.15 -42.74
RAVENSWOOD_GT_11 24259	68.26 4.68 -7.20	65.36 4.44 -4.76	62.51 4.31 -2.16	61.51 4.26 -1.15	61.09 4.21 -0.79	64.24 4.32 -3.76	66.55 4.61 -5.67	63.71 4.67 -2.77	68.41 4.93 -7.44	67.55 5.23 -5.44	92.06 5.09 -30.46	93.54 5.26 -31.70	93.18 5.38 -31.16	98.45 5.44 -36.38	100.06 5.44 -37.98	111.77 5.56 -49.52	123.30 6.36 -54.00	146.75 9.14 -48.87	145.96 10.68 -30.55	143.89 9.85 -37.42	130.06 8.10 -43.32	128.14 6.05 -62.22	117.54 6.12 -51.43	111.67 6.15 -42.74
RAVENSWOOD_GT_4 24252	68.21 4.62 -7.21	65.30 4.38 -4.77	62.46 4.26 -2.17	61.46 4.21 -1.16	61.03 4.15 -0.79	64.18 4.27 -3.76	66.50 4.56 -5.67	63.65 4.61 -2.77	68.35 4.88 -7.44	67.49 5.18 -5.44	92.01 5.03 -30.46	93.48 5.21 -31.70	93.12 5.32 -31.16	98.39 5.38 -36.38	100.00 5.38 -37.98	111.77 5.56 -49.52	123.23 6.29 -54.00	146.66 9.05 -48.87	145.86 10.58 -30.55	143.79 9.76 -37.42	130.06 8.10 -43.32	128.08 5.99 -62.22	117.48 6.06 -51.43	111.61 6.09 -42.75
RAVENSWOOD_GT_5 24254	68.21 4.62 -7.21	65.30 4.38 -4.77	62.46 4.26 -2.17	61.46 4.21 -1.16	61.03 4.15 -0.79	64.18 4.27 -3.76	66.50 4.56 -5.67	63.65 4.61 -2.77	68.35 4.88 -7.44	67.49 5.18 -5.44	92.01 5.03 -30.46	93.48 5.21 -31.70	93.12 5.32 -31.16	98.39 5.38 -36.38	100.00 5.38 -37.98	111.77 5.56 -49.52	123.23 6.29 -54.00	146.66 9.05 -48.87	145.86 10.58 -30.55	143.79 9.76 -37.42	130.06 8.10 -43.32	128.08 5.99 -62.22	117.48 6.06 -51.43	111.61 6.09 -42.75
RAVENSWOOD_GT_6 24253	68.21 4.62 -7.21	65.30 4.38 -4.77	62.46 4.26 -2.17	61.46 4.21 -1.16	61.03 4.15 -0.79	64.18 4.27 -3.76	66.50 4.56 -5.67	63.65 4.61 -2.77	68.35 4.88 -7.44	67.49 5.18 -5.44	92.01 5.03 -30.46	93.48 5.21 -31.70	93.12 5.32 -31.16	98.39 5.38 -36.38	100.00 5.38 -37.98	111.77 5.56 -49.52	123.23 6.29 -54.00	146.66 9.05 -48.87	145.86 10.58 -30.55	143.79 9.76 -37.42	130.06 8.10 -43.32	128.08 5.99 -62.22	117.48 6.06 -51.43	111.61 6.09 -42.75
RAVENSWOOD_GT_7 24255	68.21 4.62 -7.21	65.30 4.38 -4.77	62.46 4.26 -2.17	61.46 4.21 -1.16	61.03 4.15 -0.79	64.18 4.27 -3.76	66.50 4.56 -5.67	63.65 4.61 -2.77	68.35 4.88 -7.44	67.49 5.18 -5.44	92.01 5.03 -30.46	93.48 5.21 -31.70	93.12 5.32 -31.16	98.39 5.38 -36.38	100.00 5.38 -37.98	111.77 5.56 -49.52	123.23 6.29 -54.00	146.66 9.05 -48.87	145.86 10.58 -30.55	143.79 9.76 -37.42	130.06 8.10 -43.32	128.08 5.99 -62.22	117.48 6.06 -51.43	111.61 6.09 -42.75
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	68.26 4.68 -7.20	65.36 4.44 -4.76	62.51 4.31 -2.16	61.51 4.26 -1.15	61.09 4.21 -0.79	64.24 4.32 -3.76	66.55 4.61 -5.67	63.71 4.67 -2.77	68.41 4.93 -7.44	67.55 5.23 -5.44	92.06 5.09 -30.46	93.54 5.26 -31.70	93.18 5.38 -31.16	98.45 5.44 -36.38	100.06 5.44 -37.98	111.77 5.56 -49.52	123.30 6.36 -54.00	146.75 9.14 -48.87	145.96 10.68 -30.55	143.89 9.85 -37.42	130.06 8.10 -43.32	128.14 6.05 -62.22	117.54 6.12 -51.43	111.67 6.15 -42.74
RAVENSWOOD_GT_9 24257	68.26 4.68 -7.20	65.36 4.44 -4.76	62.51 4.31 -2.16	61.51 4.26 -1.15	61.09 4.21 -0.79	64.24 4.32 -3.76	66.55 4.61 -5.67	63.71 4.67 -2.77	68.41 4.93 -7.44	67.55 5.23 -5.44	92.06 5.09 -30.46	93.54 5.26 -31.70	93.18 5.38 -31.16	98.45 5.44 -36.38	100.06 5.44 -37.98	111.77 5.56 -49.52	123.30 6.36 -54.00	146.75 9.14 -48.87	145.96 10.68 -30.55	143.89 9.85 -37.42	130.06 8.10 -43.32	128.14 6.05 -62.22	117.54 6.12 -51.43	111.67 6.15 -42.74
RAVENSWOOD___1 23533	68.61 5.02 -7.21	65.70 4.77 -4.77	62.80 4.60 -2.17	61.85 4.60 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.84 4.89 -5.67	63.93 4.89 -2.77	68.63 5.15 -7.44	67.83 5.52 -5.44	92.35 5.37 -30.46	93.83 5.55 -31.70	93.46 5.66 -31.16	98.73 5.72 -36.38	100.28 5.66 -37.98	112.00 5.79 -49.52	123.48 6.55 -54.00	147.19 9.59 -48.87	146.49 11.21 -30.56	144.37 10.34 -37.42	130.38 8.42 -43.32	128.31 6.23 -62.22	117.78 6.36 -51.43	111.99 6.47 -42.75
RAVENSWOOD___2 23534	68.61 5.02 -7.21	65.70 4.77 -4.77	62.80 4.60 -2.17	61.85 4.60 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.84 4.89 -5.67	63.93 4.89 -2.77	68.63 5.15 -7.44	67.83 5.52 -5.44	92.35 5.37 -30.46	93.83 5.55 -31.70	93.46 5.66 -31.16	98.73 5.72 -36.38	100.28 5.66 -37.98	112.00 5.79 -49.52	123.48 6.55 -54.00	147.19 9.59 -48.87	146.49 11.21 -30.56	144.37 10.34 -37.42	130.38 8.42 -43.32	128.31 6.23 -62.22	117.78 6.36 -51.43	111.99 6.47 -42.75
RAVENSWOOD___3 23535	68.32 4.74 -7.20	65.41 4.49 -4.76	62.51 4.31 -2.16	61.56 4.32 -1.15	61.09 4.21 -0.79	64.29 4.38 -3.75	66.55 4.62 -5.67	63.71 4.67 -2.77	68.41 4.93 -7.44	67.60 5.29 -5.44	92.06 5.09 -30.46	93.59 5.32 -31.70	93.18 5.38 -31.16	98.45 5.44 -36.38	100.06 5.44 -37.98	111.83 5.61 -49.52	123.29 6.35 -54.00	146.75 9.14 -48.87	145.97 10.69 -30.56	143.99 9.95 -37.42	130.06 8.10 -43.32	128.13 6.04 -62.22	117.55 6.12 -51.43	111.67 6.16 -42.74

RAVENSWOOD___4 23820	68.61 5.02 -7.21	65.70 4.77 -4.77	62.80 4.60 -2.17	61.85 4.60 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.84 4.89 -5.67	63.93 4.89 -2.77	68.63 5.15 -7.44	67.83 5.52 -5.44	92.35 5.37 -30.46	93.83 5.55 -31.70	93.46 5.66 -31.16	98.73 5.72 -36.38	100.28 5.66 -37.98	112.00 5.79 -49.52	123.48 6.55 -54.00	147.19 9.59 -48.87	146.49 11.21 -30.56	144.37 10.34 -37.42	130.38 8.42 -43.32	128.31 6.23 -62.22	117.78 6.36 -51.43	111.99 6.47 -42.75
RCPI_TRUST___DRP 24196	68.26 4.68 -7.20	65.30 4.38 -4.76	62.45 4.26 -2.16	61.51 4.26 -1.15	61.08 4.21 -0.79	64.23 4.32 -3.75	66.55 4.61 -5.67	63.71 4.67 -2.77	68.40 4.93 -7.44	67.54 5.23 -5.43	92.00 5.03 -30.45	93.53 5.26 -31.69	93.11 5.32 -31.15	98.44 5.44 -36.36	100.02 5.44 -37.94	108.76 5.67 -46.40	121.69 6.42 -52.34	146.73 9.14 -48.85	146.05 10.79 -30.54	143.97 9.95 -37.41	130.05 8.10 -43.31	127.48 6.11 -61.50	117.53 6.18 -51.35	111.66 6.15 -42.74
RED___ROCHESTER 323720	55.90 -1.35 -0.87	54.88 -1.85 -0.57	54.10 -2.19 -0.26	54.10 -2.13 -0.14	54.17 -2.02 -0.09	54.76 -1.85 -0.45	55.32 -1.63 -0.68	55.09 -1.52 -0.33	54.97 -1.96 -0.90	56.39 -1.14 -0.65	58.55 -1.64 -3.67	58.82 -1.58 -3.82	58.92 -1.47 -3.75	59.55 -1.47 -4.38	59.73 -1.47 -4.57	60.23 -1.42 -4.96	67.90 -1.01 -5.97	93.21 -1.42 -5.89	106.31 -2.09 -3.68	99.38 -1.74 -4.51	82.68 -1.18 -5.22	66.23 -0.90 -7.25	65.21 -0.96 -6.17	67.42 -0.50 -5.15
REGAN___SOLAR 323812	72.99 6.54 -10.07	69.05 6.23 -6.66	65.22 6.16 -3.03	63.93 6.23 -1.61	63.36 6.17 -1.10	67.81 6.40 -5.25	70.67 6.47 -7.93	66.73 6.58 -3.87	73.22 6.78 -10.41	71.24 6.76 -7.60	104.95 5.82 -42.61	107.18 6.28 -44.32	106.33 6.12 -43.57	113.62 6.12 -50.86	116.16 6.51 -53.01	121.13 6.91 -57.52	140.41 8.18 -69.30	168.80 11.71 -68.34	161.06 13.61 -42.72	161.97 13.04 -52.32	149.60 10.38 -60.59	153.11 9.04 -84.19	140.30 8.70 -71.61	131.74 9.17 -59.80
RENSSELAER___COGEN 23796	67.52 2.26 -8.88	64.33 2.30 -5.87	60.99 2.30 -2.67	59.76 2.25 -1.42	59.36 2.30 -0.97	63.14 2.36 -4.63	65.57 2.31 -6.99	61.99 2.31 -3.41	67.45 2.24 -9.17	65.90 2.33 -6.69	96.33 2.26 -37.55	97.84 2.20 -39.06	97.24 2.21 -38.39	103.55 2.10 -44.82	105.38 2.04 -46.71	109.14 1.76 -50.69	125.95 1.95 -61.06	151.62 2.66 -60.22	145.41 3.04 -37.65	145.61 2.90 -46.10	134.38 2.36 -53.39	135.92 1.86 -74.19	125.02 1.92 -63.10	117.79 2.32 -52.69
REPUBLIC_115KV_BARTNBRK 55605	72.15 6.60 -9.17	68.34 6.12 -6.06	64.95 6.16 -2.75	63.73 6.17 -1.47	63.32 6.23 -1.00	67.34 6.40 -4.78	69.62 6.13 -7.22	66.16 6.36 -3.52	72.01 6.50 -9.47	70.27 6.48 -6.91	100.67 5.37 -38.78	102.70 5.77 -40.34	101.96 5.66 -39.66	108.43 5.49 -46.30	110.49 5.61 -48.25	114.89 5.84 -52.36	132.81 6.80 -63.07	160.80 9.85 -62.21	155.03 11.41 -38.89	155.25 11.01 -47.62	142.51 8.73 -55.15	144.47 7.96 -76.63	132.85 7.68 -65.18	125.37 8.16 -54.43
REVERE_CPPR_DRP 24186	58.72 1.97 -0.36	58.19 1.80 -0.24	57.99 1.85 -0.11	57.94 1.79 -0.06	58.04 1.91 -0.04	58.37 2.02 -0.19	58.59 2.03 -0.29	58.44 2.03 -0.14	58.54 2.13 -0.38	59.77 2.62 -0.27	61.00 2.94 -1.54	61.01 2.83 -1.60	61.16 2.95 -1.58	61.59 3.11 -1.84	61.73 3.17 -1.92	62.06 3.29 -2.08	69.28 3.84 -2.51	96.45 5.24 -2.47	112.24 5.97 -1.55	104.01 5.51 -1.89	85.47 4.64 -2.19	66.27 3.35 -3.05	65.71 3.12 -2.59	68.39 3.45 -2.16
REYNOLDS_115KV_TB3 80639	67.81 2.54 -8.89	64.56 2.53 -5.88	61.28 2.58 -2.67	60.04 2.52 -1.43	59.59 2.52 -0.97	63.38 2.58 -4.64	65.86 2.59 -7.00	62.22 2.53 -3.42	67.69 2.47 -9.19	66.20 2.62 -6.71	96.79 2.66 -37.61	98.25 2.55 -39.13	97.65 2.55 -38.46	104.03 2.49 -44.90	105.92 2.49 -46.80	109.79 2.32 -50.78	126.69 2.58 -61.17	152.62 3.55 -60.33	146.63 4.19 -37.71	146.66 3.86 -46.19	135.35 3.22 -53.48	136.59 2.39 -74.32	125.67 2.46 -63.21	118.26 2.70 -52.79
RIVERBAY____ 323610	69.46 5.86 -7.21	66.60 5.67 -4.77	63.75 5.55 -2.17	62.53 5.27 -1.16	62.33 5.44 -0.79	65.48 5.56 -3.76	67.69 5.74 -5.67	64.61 5.57 -2.77	69.08 5.60 -7.44	68.34 6.03 -5.44	92.91 5.93 -30.46	94.33 6.05 -31.70	93.97 6.17 -31.16	99.23 6.23 -36.36	100.71 6.17 -37.90	104.59 6.29 -41.60	119.84 7.11 -49.79	147.99 10.38 -48.87	147.43 12.15 -30.55	145.24 11.21 -37.42	131.01 9.04 -43.32	127.50 6.77 -60.87	118.38 6.96 -51.43	112.75 7.22 -42.75
RIVERSDE_115KV_TB3 55908	67.78 2.48 -8.91	64.52 2.47 -5.89	61.17 2.47 -2.68	59.99 2.47 -1.43	59.53 2.47 -0.97	63.33 2.53 -4.65	65.82 2.53 -7.01	62.17 2.48 -3.43	67.71 2.47 -9.21	66.15 2.56 -6.72	96.76 2.54 -37.70	98.28 2.49 -39.21	97.68 2.49 -38.55	104.01 2.38 -45.00	105.86 2.32 -46.90	109.68 2.10 -50.89	126.57 2.33 -61.31	152.40 3.19 -60.46	146.19 3.67 -37.80	146.38 3.48 -46.29	135.07 2.83 -53.60	136.57 2.22 -74.49	125.63 2.28 -63.35	118.32 2.64 -52.90
ROARING___BROOK_WT_PWR 323790	55.71 -0.67 0.00	55.54 -0.62 0.00	55.47 -0.56 0.00	55.53 -0.56 0.00	55.53 -0.56 0.00	55.54 -0.62 0.00	55.60 -0.67 0.00	55.60 -0.67 0.00	55.42 -0.62 0.00	56.08 -0.74 0.00	55.78 -0.74 0.00	55.84 -0.74 0.00	55.84 -0.79 0.00	55.84 -0.79 0.00	55.84 -0.79 0.00	55.90 -0.79 0.00	61.81 -1.13 0.00	87.23 -1.51 0.00	102.94 -1.78 0.00	94.97 -1.64 0.00	77.23 -1.41 0.00	58.85 -1.02 0.00	58.98 -1.02 0.00	61.65 -1.13 0.00
ROCHESRG_115KV_T4 355643	55.38 -1.86 -0.86	54.14 -2.58 -0.57	53.66 -2.63 -0.26	53.65 -2.58 -0.14	53.72 -2.47 -0.09	54.30 -2.30 -0.45	54.81 -2.14 -0.68	54.58 -2.03 -0.33	54.46 -2.47 -0.89	55.65 -1.88 -0.65	57.90 -2.26 -3.64	58.11 -2.26 -3.79	58.21 -2.15 -3.73	58.89 -2.10 -4.35	59.02 -2.15 -4.53	59.51 -2.10 -4.92	67.04 -1.83 -5.92	92.01 -2.57 -5.84	104.92 -3.46 -3.65	98.09 -2.99 -4.47	81.62 -2.20 -5.18	65.45 -1.62 -7.20	64.56 -1.56 -6.12	66.76 -1.13 -5.11
ROCHESTER_9_IC 23652	55.67 -1.58 -0.87	54.43 -2.30 -0.57	53.88 -2.41 -0.26	53.93 -2.30 -0.14	54.00 -2.19 -0.09	54.59 -2.02 -0.45	55.10 -1.86 -0.68	54.86 -1.74 -0.33	54.75 -2.19 -0.90	55.99 -1.54 -0.65	58.27 -1.92 -3.67	58.48 -1.92 -3.82	58.58 -1.81 -3.75	59.26 -1.76 -4.38	59.39 -1.81 -4.57	59.89 -1.76 -4.96	67.52 -1.38 -5.97	92.68 -1.95 -5.89	105.68 -2.72 -3.68	98.80 -2.32 -4.51	82.21 -1.65 -5.22	65.87 -1.26 -7.25	64.97 -1.20 -6.17	67.18 -0.75 -5.15
ROCKVIEW_13_KV_LD 356306	68.04 4.45 -7.20	65.07 4.16 -4.76	62.28 4.09 -2.16	61.28 4.04 -1.15	60.86 3.98 -0.79	64.07 4.16 -3.75	66.33 4.39 -5.67	63.54 4.50 -2.77	68.24 4.76 -7.44	67.37 5.06 -5.43	91.90 4.92 -30.46	93.41 5.15 -31.68	93.05 5.27 -31.15	98.32 5.32 -36.36	99.86 5.32 -37.90	103.85 5.44 -41.72	119.02 6.23 -49.85	146.56 8.96 -48.85	145.84 10.58 -30.54	143.79 9.76 -37.42	129.90 7.94 -43.31	126.63 5.87 -60.89	117.35 5.94 -51.42	111.48 5.96 -42.74
ROME_____115KV_TB2 80656	58.72 1.97 -0.36	58.19 1.80 -0.24	57.99 1.85 -0.11	57.94 1.79 -0.06	58.04 1.91 -0.04	58.37 2.02 -0.19	58.59 2.03 -0.29	58.44 2.03 -0.14	58.54 2.13 -0.38	59.77 2.62 -0.27	61.00 2.94 -1.54	61.01 2.83 -1.60	61.16 2.95 -1.58	61.59 3.11 -1.84	61.73 3.17 -1.92	62.06 3.29 -2.08	69.28 3.84 -2.51	96.45 5.24 -2.47	112.24 5.97 -1.55	104.01 5.51 -1.89	85.47 4.64 -2.19	66.27 3.35 -3.05	65.71 3.12 -2.59	68.39 3.45 -2.16

ROSETON___1 23587	67.25 3.61 -7.26	64.38 3.43 -4.80	61.51 3.30 -2.18	60.56 3.31 -1.16	60.14 3.25 -0.79	63.31 3.37 -3.78	65.53 3.55 -5.71	62.67 3.60 -2.79	67.29 3.75 -7.50	66.33 3.98 -5.47	91.11 3.90 -30.69	92.46 3.96 -31.92	92.04 4.02 -31.38	97.35 4.08 -36.63	98.90 4.08 -38.18	102.32 4.20 -41.43	117.63 4.78 -49.91	144.89 6.93 -49.22	143.67 8.17 -30.77	141.84 7.54 -37.68	128.41 6.14 -43.64	125.06 4.55 -60.64	116.19 4.62 -51.57	110.49 4.65 -43.07
ROSETON___2 23588	67.25 3.61 -7.26	64.38 3.43 -4.80	61.51 3.30 -2.18	60.56 3.31 -1.16	60.14 3.25 -0.79	63.31 3.37 -3.78	65.53 3.55 -5.71	62.67 3.60 -2.79	67.29 3.75 -7.50	66.33 3.98 -5.47	91.11 3.90 -30.69	92.46 3.96 -31.92	92.04 4.02 -31.38	97.35 4.08 -36.63	98.90 4.08 -38.18	102.32 4.20 -41.43	117.63 4.78 -49.91	144.89 6.93 -49.22	143.67 8.17 -30.77	141.84 7.54 -37.68	128.41 6.14 -43.64	125.06 4.55 -60.64	116.19 4.62 -51.57	110.49 4.65 -43.07
ROTRDAM_115KV_TB3 80664	68.07 2.42 -9.26	64.59 2.30 -6.13	61.11 2.30 -2.78	59.88 2.30 -1.48	59.40 2.30 -1.01	63.35 2.36 -4.83	65.87 2.31 -7.29	62.20 2.36 -3.56	67.96 2.35 -9.57	66.31 2.45 -6.99	98.03 2.32 -39.19	99.72 2.38 -40.77	99.09 2.38 -40.08	105.80 2.38 -46.78	107.77 2.38 -48.76	112.03 2.44 -52.91	129.50 2.83 -63.74	155.59 3.99 -62.86	148.73 4.71 -39.30	149.08 4.35 -48.12	137.90 3.54 -55.72	140.18 2.87 -77.44	128.68 2.82 -65.86	120.73 2.95 -55.00
RUSSELL___1 23602	55.90 -1.35 -0.87	54.65 -2.08 -0.57	54.11 -2.19 -0.26	54.10 -2.13 -0.14	54.17 -2.02 -0.09	54.76 -1.85 -0.45	55.32 -1.63 -0.68	55.09 -1.52 -0.33	54.97 -1.96 -0.90	56.28 -1.25 -0.65	58.55 -1.64 -3.67	58.82 -1.58 -3.82	58.92 -1.47 -3.75	59.60 -1.42 -4.38	59.73 -1.47 -4.57	60.23 -1.42 -4.96	67.90 -1.01 -5.97	93.21 -1.42 -5.89	106.31 -2.09 -3.68	99.38 -1.74 -4.51	82.68 -1.18 -5.22	66.23 -0.90 -7.25	65.27 -0.90 -6.17	67.49 -0.44 -5.15
RUSSELL___2 23532	55.90 -1.35 -0.87	54.65 -2.08 -0.57	54.11 -2.19 -0.26	54.10 -2.13 -0.14	54.17 -2.02 -0.09	54.76 -1.85 -0.45	55.32 -1.63 -0.68	55.09 -1.52 -0.33	54.97 -1.96 -0.90	56.28 -1.25 -0.65	58.55 -1.64 -3.67	58.82 -1.58 -3.82	58.92 -1.47 -3.75	59.60 -1.42 -4.38	59.73 -1.47 -4.57	60.23 -1.42 -4.96	67.90 -1.01 -5.97	93.21 -1.42 -5.89	106.31 -2.09 -3.68	99.38 -1.74 -4.51	82.68 -1.18 -5.22	66.23 -0.90 -7.25	65.27 -0.90 -6.17	67.49 -0.44 -5.15
RUSSELL___3 23549	55.90 -1.35 -0.87	54.65 -2.08 -0.57	54.11 -2.19 -0.26	54.10 -2.13 -0.14	54.17 -2.02 -0.09	54.76 -1.85 -0.45	55.32 -1.63 -0.68	55.09 -1.52 -0.33	54.97 -1.96 -0.90	56.28 -1.25 -0.65	58.55 -1.64 -3.67	58.82 -1.58 -3.82	58.92 -1.47 -3.75	59.60 -1.42 -4.38	59.73 -1.47 -4.57	60.23 -1.42 -4.96	67.90 -1.01 -5.97	93.21 -1.42 -5.89	106.31 -2.09 -3.68	99.38 -1.74 -4.51	82.68 -1.18 -5.22	66.23 -0.90 -7.25	65.27 -0.90 -6.17	67.49 -0.44 -5.15
RUSSELL___4 23556	55.90 -1.35 -0.87	54.65 -2.08 -0.57	54.11 -2.19 -0.26	54.10 -2.13 -0.14	54.17 -2.02 -0.09	54.76 -1.85 -0.45	55.32 -1.63 -0.68	55.09 -1.52 -0.33	54.97 -1.96 -0.90	56.28 -1.25 -0.65	58.55 -1.64 -3.67	58.82 -1.58 -3.82	58.92 -1.47 -3.75	59.60 -1.42 -4.38	59.73 -1.47 -4.57	60.23 -1.42 -4.96	67.90 -1.01 -5.97	93.21 -1.42 -5.89	106.31 -2.09 -3.68	99.38 -1.74 -4.51	82.68 -1.18 -5.22	66.23 -0.90 -7.25	65.27 -0.90 -6.17	67.49 -0.44 -5.15
RUSSELL___STATION 23914	55.90 -1.35 -0.87	54.65 -2.08 -0.57	54.11 -2.19 -0.26	54.10 -2.13 -0.14	54.17 -2.02 -0.09	54.76 -1.85 -0.45	55.32 -1.63 -0.68	55.09 -1.52 -0.33	54.97 -1.96 -0.90	56.28 -1.25 -0.65	58.55 -1.64 -3.67	58.82 -1.58 -3.82	58.92 -1.47 -3.75	59.60 -1.42 -4.38	59.73 -1.47 -4.57	60.23 -1.42 -4.96	67.90 -1.01 -5.97	93.21 -1.42 -5.89	106.31 -2.09 -3.68	99.38 -1.74 -4.51	82.68 -1.18 -5.22	66.23 -0.90 -7.25	65.27 -0.90 -6.17	67.49 -0.44 -5.15
S SALMON___HYD 24043	56.13 -0.79 -0.54	55.56 -0.95 -0.35	55.12 -1.07 -0.16	55.11 -1.07 -0.09	55.14 -1.01 -0.06	55.37 -1.07 -0.28	55.62 -1.07 -0.42	55.41 -1.07 -0.21	55.58 -1.01 -0.55	56.66 -0.62 -0.40	58.28 -0.51 -2.27	58.55 -0.39 -2.36	58.56 -0.39 -2.32	59.06 -0.28 -2.71	59.18 -0.28 -2.82	59.59 -0.17 -3.06	66.44 -0.19 -3.69	92.12 -0.27 -3.64	106.79 -0.21 -2.28	99.11 -0.29 -2.79	81.63 -0.24 -3.23	64.12 -0.24 -4.49	63.45 -0.36 -3.81	65.59 -0.37 -3.19
S.PERRY___115KV_TB1 80734	57.96 0.34 -1.24	56.42 -0.56 -0.82	55.73 -0.67 -0.37	55.67 -0.62 -0.20	55.78 -0.45 -0.14	56.58 -0.22 -0.65	57.42 0.17 -0.98	57.03 0.28 -0.48	57.09 -0.22 -1.28	58.38 0.57 -0.94	61.77 0.00 -5.25	62.04 0.00 -5.46	62.18 0.17 -5.37	62.96 0.06 -6.27	63.17 0.00 -6.53	64.18 0.40 -7.09	72.86 1.38 -8.54	99.56 2.40 -8.42	112.71 2.72 -5.27	105.67 2.61 -6.45	88.39 2.28 -7.47	71.81 1.56 -10.38	70.26 1.44 -8.83	72.16 2.01 -7.37
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	53.72 -3.78 -1.12	52.12 -4.77 -0.74	51.55 -4.82 -0.34	51.56 -4.71 -0.18	51.61 -4.60 -0.12	52.41 -4.32 -0.58	53.04 -4.11 -0.88	52.59 -4.11 -0.43	52.31 -4.88 -1.15	53.62 -4.10 -0.84	56.39 -4.86 -4.73	56.57 -4.92 -4.92	56.71 -4.76 -4.83	57.52 -4.76 -5.64	57.70 -4.81 -5.88	58.31 -4.76 -6.38	66.09 -4.53 -7.69	89.67 -6.66 -7.58	100.77 -8.69 -4.74	94.88 -7.54 -5.80	79.85 -5.50 -6.72	65.20 -4.01 -9.34	64.28 -3.66 -7.94	66.52 -2.89 -6.63
SAWYER___23_KV_LOAD 55526	53.72 -3.78 -1.12	52.12 -4.77 -0.74	51.55 -4.82 -0.34	51.56 -4.71 -0.18	51.61 -4.60 -0.12	52.41 -4.32 -0.58	53.04 -4.11 -0.88	52.59 -4.11 -0.43	52.31 -4.88 -1.15	53.62 -4.10 -0.84	56.39 -4.86 -4.73	56.57 -4.92 -4.92	56.71 -4.76 -4.83	57.52 -4.76 -5.64	57.70 -4.81 -5.88	58.31 -4.76 -6.38	66.09 -4.53 -7.69	89.67 -6.66 -7.58	100.77 -8.69 -4.74	94.88 -7.54 -5.80	79.85 -5.50 -6.72	65.20 -4.01 -9.34	64.28 -3.66 -7.94	66.52 -2.89 -6.63
SELKIRK___I 23801	67.54 2.42 -8.74	64.35 2.41 -5.78	61.06 2.41 -2.62	59.90 2.41 -1.40	59.51 2.47 -0.95	63.18 2.47 -4.56	65.57 2.42 -6.88	62.05 2.42 -3.36	67.41 2.35 -9.03	65.85 2.39 -6.59	95.79 2.32 -36.96	97.29 2.27 -38.44	96.69 2.27 -37.79	102.96 2.21 -44.11	104.82 2.21 -45.98	108.62 2.04 -49.89	125.30 2.26 -60.10	151.03 3.02 -59.27	145.23 3.45 -37.06	145.28 3.29 -45.38	133.94 2.75 -52.55	135.11 2.22 -73.02	124.44 2.34 -62.11	117.28 2.64 -51.86
SELKIRK___II 23799	67.42 2.20 -8.84	64.19 2.19 -5.84	60.87 2.18 -2.65	59.69 2.19 -1.42	59.24 2.19 -0.97	63.01 2.25 -4.61	65.48 2.25 -6.96	61.86 2.19 -3.40	67.35 2.18 -9.13	65.82 2.28 -6.66	96.10 2.20 -37.38	97.67 2.20 -38.89	97.07 2.21 -38.23	103.41 2.15 -44.62	105.24 2.10 -46.51	109.08 1.93 -50.46	125.93 2.20 -60.80	151.72 3.02 -59.96	145.66 3.45 -37.48	145.80 3.29 -45.90	134.47 2.68 -53.15	135.77 2.04 -73.86	124.98 2.16 -62.82	117.62 2.38 -52.46
SENECA OSWGO___HYD 24041	55.95 -1.01 -0.58	55.36 -1.18 -0.38	54.92 -1.29 -0.17	54.90 -1.29 -0.09	54.87 -1.29 -0.06	55.22 -1.24 -0.30	55.49 -1.24 -0.46	55.31 -1.18 -0.22	55.46 -1.18 -0.60	56.46 -0.85 -2.46	58.07 -0.91 -2.46	58.29 -0.85 -2.56	58.31 -0.85 -2.52	58.73 -0.85 -2.94	58.91 -0.79 -3.06	59.28 -0.74 -3.32	66.31 -0.63 -4.00	91.80 -0.89 -3.95	106.35 -0.84 -2.47	98.76 -0.87 -3.02	81.43 -0.71 -3.50	64.14 -0.60 -4.86	63.48 -0.66 -4.14	65.60 -0.63 -3.45

SENECA___115KV_TB3 355854	54.05 -3.50 -1.16	52.43 -4.49 -0.77	51.84 -4.54 -0.35	51.85 -4.43 -0.19	51.96 -4.26 -0.13	52.72 -4.04 -0.61	53.42 -3.77 -0.92	52.95 -3.77 -0.45	52.75 -4.48 -1.20	54.06 -3.70 -0.88	57.03 -4.41 -4.92	57.29 -4.41 -5.12	57.36 -4.30 -5.03	58.26 -4.25 -5.87	58.40 -4.36 -6.12	59.03 -4.31 -6.64	66.98 -3.97 -8.00	90.95 -5.68 -7.89	102.12 -7.54 -4.93	96.18 -6.47 -6.04	80.92 -4.72 -7.00	66.18 -3.41 -9.72	65.15 -3.12 -8.27	67.30 -2.39 -6.91
SENECA___ENERGY 23797	56.70 -0.62 -0.93	55.82 -0.95 -0.62	55.19 -1.12 -0.28	55.12 -1.12 -0.15	55.13 -1.07 -0.10	55.74 -0.90 -0.49	56.27 -0.73 -0.73	55.96 -0.67 -0.36	56.16 -0.84 -0.96	57.30 -0.28 -0.70	59.95 -0.51 -3.94	60.17 -0.51 -4.10	60.16 -0.51 -4.03	60.89 -0.46 -4.71	61.15 -0.39 -4.91	61.73 -0.28 -5.32	69.54 0.19 -6.41	95.51 0.45 -6.32	109.31 0.63 -3.95	101.94 0.49 -4.84	84.64 0.40 -5.61	67.84 0.18 -7.79	66.68 0.06 -6.63	68.56 0.25 -5.53
SHOEMAKER___GT 23640	66.08 3.10 -6.60	63.44 2.92 -4.37	60.87 2.86 -1.98	60.01 2.86 -1.06	59.62 2.80 -0.72	62.52 2.92 -3.44	64.50 3.04 -5.20	61.85 3.04 -2.54	65.99 3.14 -6.82	65.21 3.35 -4.98	87.66 3.22 -27.92	88.97 3.34 -29.05	88.59 3.40 -28.55	93.42 3.46 -33.33	94.83 3.46 -34.74	98.07 3.63 -37.75	112.53 4.15 -45.44	139.65 6.12 -44.79	139.94 7.22 -28.00	137.56 6.66 -34.29	123.77 5.42 -39.70	119.12 4.01 -55.23	111.02 4.08 -46.95	106.04 4.08 -39.19
SHOEMAKR_138KV_BK 111 55601	66.10 3.16 -6.56	63.41 2.92 -4.34	60.86 2.86 -1.97	60.00 2.86 -1.05	59.61 2.80 -0.72	62.50 2.92 -3.42	64.47 3.04 -5.16	61.83 3.04 -2.52	66.00 3.19 -6.78	65.23 3.41 -4.95	87.54 3.28 -27.74	88.83 3.39 -28.86	88.46 3.45 -28.37	93.26 3.51 -33.11	94.66 3.51 -34.51	97.82 3.63 -37.50	112.29 4.22 -45.14	139.45 6.21 -44.49	139.87 7.33 -27.82	137.44 6.76 -34.07	123.59 5.50 -39.44	118.75 4.01 -54.87	110.72 4.08 -46.64	105.85 4.14 -38.93
SHOREHAM_IC_1 23715	70.65 6.76 -7.50	67.39 6.46 -4.77	68.29 6.33 -5.93	63.47 6.23 -1.15	63.16 6.28 -0.79	67.07 6.46 -4.46	73.29 6.69 -10.32	75.06 6.64 -12.15	78.50 6.67 -15.80	78.24 7.22 -14.14	93.74 6.78 -30.44	94.92 6.67 -31.67	94.68 6.91 -31.13	100.00 7.02 -36.34	114.74 6.96 -51.14	131.62 6.97 -67.96	147.21 8.12 -76.15	154.85 11.53 -54.58	154.97 13.51 -36.73	154.25 12.55 -45.08	150.69 10.15 -61.91	150.28 7.96 -82.45	143.45 8.16 -75.29	124.95 8.22 -53.96
SHOREHAM_IC_2 23716	70.65 6.76 -7.50	67.39 6.46 -4.77	68.29 6.33 -5.93	63.47 6.23 -1.15	63.16 6.28 -0.79	67.07 6.46 -4.46	73.29 6.69 -10.32	75.06 6.64 -12.15	78.50 6.67 -15.80	78.24 7.22 -14.14	93.74 6.78 -30.44	94.92 6.67 -31.67	94.68 6.91 -31.13	100.00 7.02 -36.34	114.74 6.96 -51.14	131.62 6.97 -67.96	147.21 8.12 -76.15	154.85 11.53 -54.58	154.97 13.51 -36.73	154.25 12.55 -45.08	150.69 10.15 -61.91	150.28 7.96 -82.45	143.45 8.16 -75.29	124.95 8.22 -53.96
SISSONVILLE___ 23735	53.85 -2.54 0.00	53.97 -2.19 0.00	53.90 -2.13 0.00	53.90 -2.19 0.00	53.85 -2.24 0.00	53.63 -2.53 0.00	53.57 -2.70 0.00	53.74 -2.53 0.00	53.63 -2.41 0.00	54.20 -2.67 0.00	54.09 -2.43 0.00	54.09 -2.49 0.00	54.03 -2.61 0.00	54.09 -2.55 0.00	54.09 -2.55 0.00	54.03 -2.66 0.00	58.66 -4.28 0.00	82.80 -5.95 0.00	97.92 -6.81 0.00	90.14 -6.47 0.00	73.06 -5.58 0.00	55.98 -3.89 0.00	56.16 -3.84 0.00	58.26 -4.52 0.00
SITHE_IND_GS1 24169	55.03 -1.81 -0.45	54.49 -1.97 -0.30	54.15 -2.01 -0.14	54.15 -2.02 -0.07	54.12 -2.02 -0.05	54.37 -2.02 -0.24	54.66 -1.97 -0.36	54.47 -1.97 -0.17	54.54 -1.96 -0.47	55.45 -1.76 -0.34	56.62 -1.81 -1.91	56.76 -1.81 -1.99	56.78 -1.81 -1.95	57.16 -1.76 -2.28	57.26 -1.76 -2.38	57.51 -1.76 -2.58	64.28 -1.76 -3.11	89.23 -2.58 -3.06	103.60 -3.04 -1.92	96.15 -2.80 -2.35	79.15 -2.20 -2.72	61.91 -1.74 -3.77	61.47 -1.74 -3.21	63.70 -1.76 -2.68
SITHE_IND_GS2 24170	55.03 -1.81 -0.45	54.49 -1.97 -0.30	54.15 -2.01 -0.14	54.15 -2.02 -0.07	54.12 -2.02 -0.05	54.37 -2.02 -0.24	54.66 -1.97 -0.36	54.47 -1.97 -0.17	54.54 -1.96 -0.47	55.45 -1.76 -0.34	56.62 -1.81 -1.91	56.76 -1.81 -1.99	56.78 -1.81 -1.95	57.16 -1.76 -2.28	57.26 -1.76 -2.38	57.51 -1.76 -2.58	64.28 -1.76 -3.11	89.23 -2.58 -3.06	103.60 -3.04 -1.92	96.15 -2.80 -2.35	79.15 -2.20 -2.72	61.91 -1.74 -3.77	61.47 -1.74 -3.21	63.70 -1.76 -2.68
SITHE_IND_GS3 24171	55.03 -1.81 -0.45	54.49 -1.97 -0.30	54.15 -2.01 -0.14	54.15 -2.02 -0.07	54.12 -2.02 -0.05	54.37 -2.02 -0.24	54.66 -1.97 -0.36	54.47 -1.97 -0.17	54.54 -1.96 -0.47	55.45 -1.76 -0.34	56.62 -1.81 -1.91	56.76 -1.81 -1.99	56.78 -1.81 -1.95	57.16 -1.76 -2.28	57.26 -1.76 -2.38	57.51 -1.76 -2.58	64.28 -1.76 -3.11	89.23 -2.58 -3.06	103.60 -3.04 -1.92	96.15 -2.80 -2.35	79.15 -2.20 -2.72	61.91 -1.74 -3.77	61.47 -1.74 -3.21	63.70 -1.76 -2.68
SITHE_IND_GS4 24172	55.03 -1.81 -0.45	54.49 -1.97 -0.30	54.15 -2.01 -0.14	54.15 -2.02 -0.07	54.12 -2.02 -0.05	54.37 -2.02 -0.24	54.66 -1.97 -0.36	54.47 -1.97 -0.17	54.54 -1.96 -0.47	55.45 -1.76 -0.34	56.62 -1.81 -1.91	56.76 -1.81 -1.99	56.78 -1.81 -1.95	57.16 -1.76 -2.28	57.26 -1.76 -2.38	57.51 -1.76 -2.58	64.28 -1.76 -3.11	89.23 -2.58 -3.06	103.60 -3.04 -1.92	96.15 -2.80 -2.35	79.15 -2.20 -2.72	61.91 -1.74 -3.77	61.47 -1.74 -3.21	63.70 -1.76 -2.68
SITHE___BATAVIA 24024	55.18 -2.20 -1.00	53.89 -2.92 -0.66	52.97 -3.36 -0.30	53.00 -3.25 -0.16	53.11 -3.08 -0.11	53.81 -2.86 -0.52	54.47 -2.59 -0.78	54.18 -2.47 -0.38	53.93 -3.14 -1.03	55.52 -2.10 -0.75	57.79 -2.94 -4.21	58.01 -2.94 -4.38	58.05 -2.89 -4.30	58.83 -2.83 -5.02	59.04 -2.83 -5.24	59.60 -2.78 -5.68	67.52 -2.26 -6.85	92.30 -3.19 -6.75	104.55 -4.39 -4.22	98.01 -3.77 -5.17	81.95 -2.67 -5.98	66.21 -1.97 -8.32	65.15 -1.92 -7.07	67.56 -1.13 -5.91
SITHE___INDEPEND 23800	55.03 -1.80 -0.45	54.43 -2.02 -0.30	54.15 -2.02 -0.14	54.14 -2.02 -0.07	54.12 -2.02 -0.05	54.37 -2.02 -0.24	54.66 -1.97 -0.36	54.48 -1.97 -0.17	54.54 -1.96 -0.47	55.40 -1.82 -0.34	56.62 -1.81 -1.91	56.76 -1.81 -1.99	56.78 -1.81 -1.95	57.16 -1.76 -2.28	57.26 -1.76 -2.38	57.51 -1.76 -2.58	64.28 -1.76 -3.11	89.23 -2.57 -3.06	103.60 -3.04 -1.92	96.16 -2.80 -2.35	79.15 -2.20 -2.72	61.91 -1.74 -3.77	61.47 -1.74 -3.21	63.70 -1.76 -2.68
SITHE___MASSENA 23902	55.14 -1.24 0.00	55.15 -1.01 0.00	55.19 -0.84 0.00	55.19 -0.90 0.00	55.14 -0.95 0.00	55.03 -1.12 0.00	55.03 -1.24 0.00	55.09 -1.18 0.00	54.91 -1.12 0.00	55.40 -1.48 0.00	55.22 -1.30 0.00	55.22 -1.36 0.00	55.16 -1.47 0.00	55.22 -1.41 0.00	55.22 -1.41 0.00	55.10 -1.59 0.00	60.04 -2.89 0.00	84.66 -4.08 0.00	100.12 -4.61 0.00	92.27 -4.35 0.00	74.87 -3.77 0.00	57.36 -2.51 0.00	57.36 -2.64 0.00	59.83 -2.95 0.00
SITHE___OGDNSBRG 24021	55.14 -1.24 0.00	55.26 -0.90 0.00	55.25 -0.78 0.00	55.25 -0.84 0.00	55.19 -0.90 0.00	55.03 -1.12 0.00	55.03 -1.24 0.00	55.15 -1.13 0.00	55.03 -1.01 0.00	55.62 -1.25 0.00	55.56 -0.96 0.00	55.56 -1.02 0.00	55.50 -1.13 0.00	55.62 -1.02 0.00	55.56 -1.08 0.00	55.50 -1.19 0.00	60.36 -2.58 0.00	85.19 -3.55 0.00	100.64 -4.08 0.00	92.75 -3.86 0.00	75.26 -3.38 0.00	57.60 -2.28 0.00	57.60 -2.40 0.00	59.95 -2.82 0.00

SITHE___STERLING 23777	58.45 1.64 -0.43	57.96 1.52 -0.28	57.67 1.51 -0.13	57.62 1.46 -0.07	57.71 1.57 -0.05	58.06 1.68 -0.22	58.36 1.75 -0.34	58.18 1.75 -0.16	58.27 1.79 -0.44	59.48 2.28 -0.32	60.76 2.43 -1.81	60.78 2.32 -1.88	60.92 2.43 -1.85	61.35 2.55 -2.16	61.49 2.61 -2.25	61.86 2.72 -2.44	69.03 3.15 -2.94	95.90 4.26 -2.90	111.46 4.92 -1.81	103.38 4.54 -2.22	84.99 3.77 -2.57	66.20 2.76 -3.58	65.68 2.64 -3.04	68.21 2.89 -2.54
SLEIGHT__34_KV_TB1 80719	55.99 -1.24 -0.85	54.92 -1.80 -0.56	54.38 -1.91 -0.26	54.38 -1.85 -0.14	54.45 -1.74 -0.09	54.97 -1.63 -0.44	55.48 -1.46 -0.67	55.25 -1.35 -0.33	55.35 -1.57 -0.88	56.55 -0.97 -0.64	58.99 -1.13 -3.60	59.20 -1.13 -3.75	59.25 -1.08 -3.69	59.92 -1.02 -4.30	60.10 -1.02 -4.48	60.59 -0.96 -4.87	68.23 -0.57 -5.86	93.72 -0.80 -5.78	107.29 -1.05 -3.61	100.07 -0.97 -4.43	83.13 -0.63 -5.12	66.39 -0.60 -7.12	65.39 -0.66 -6.06	67.46 -0.38 -5.06
SOUTH CAIRO___GT 23612	68.23 3.44 -8.41	65.26 3.54 -5.56	62.03 3.48 -2.53	60.86 3.42 -1.35	60.49 3.48 -0.92	64.08 3.54 -4.38	66.21 3.32 -6.62	62.60 3.09 -3.23	67.69 2.97 -8.69	65.94 2.73 -6.34	94.74 2.66 -35.56	96.29 2.72 -36.99	95.61 2.61 -36.36	101.64 2.55 -42.45	103.54 2.66 -44.24	107.19 2.49 -48.00	123.60 2.83 -57.83	148.97 3.19 -57.04	144.36 3.98 -35.66	144.04 3.76 -43.67	132.03 2.83 -50.56	132.47 2.33 -70.26	122.82 3.06 -59.76	116.19 3.51 -49.90
SOUTH HAMPTN___IC 23720	71.21 7.33 -7.50	68.01 7.08 -4.77	68.91 6.95 -5.93	64.03 6.78 -1.15	63.72 6.84 -0.79	67.69 7.08 -4.46	73.91 7.31 -10.32	75.68 7.26 -12.15	79.12 7.28 -15.80	78.87 7.85 -14.14	94.37 7.40 -30.44	95.60 7.35 -31.67	95.30 7.53 -31.13	100.68 7.70 -36.34	115.42 7.64 -51.14	132.36 7.71 -67.96	148.09 9.00 -76.15	156.18 12.86 -54.58	156.64 15.18 -36.73	155.70 14.00 -45.08	151.94 11.40 -61.91	151.12 8.80 -82.45	144.11 8.82 -75.29	125.71 8.98 -53.96
SOUTHDOW_115KV_TB1 355954	54.71 -2.93 -1.26	52.72 -4.27 -0.83	52.09 -4.31 -0.38	52.48 -3.81 -0.20	52.36 -3.87 -0.14	53.22 -3.59 -0.66	54.45 -2.81 -0.99	53.49 -3.26 -0.48	53.36 -3.98 -1.30	54.81 -3.01 -0.95	58.17 -3.67 -5.33	58.50 -3.62 -5.54	58.57 -3.51 -5.45	59.48 -3.51 -6.36	59.52 -3.74 -6.63	60.31 -3.57 -7.19	68.58 -3.02 -8.66	93.47 -3.82 -8.54	104.83 -5.24 -5.34	98.80 -4.35 -6.54	83.38 -2.83 -7.57	68.24 -2.16 -10.52	66.97 -1.98 -8.95	69.31 -0.94 -7.47
SOUTHOLD_69_KV_BK 2 55809	72.12 8.23 -7.50	68.74 7.81 -4.77	69.75 7.79 -5.93	64.76 7.52 -1.15	64.62 7.74 -0.79	68.59 7.97 -4.46	74.81 8.22 -10.32	76.52 8.10 -12.15	80.02 8.18 -15.80	79.78 8.76 -14.14	95.27 8.31 -30.44	96.51 8.26 -31.67	96.21 8.44 -31.13	101.59 8.61 -36.34	116.33 8.55 -51.14	133.33 8.67 -67.96	149.28 10.20 -76.15	158.14 14.82 -54.58	158.95 17.49 -36.73	157.83 16.13 -45.08	153.60 13.05 -61.91	152.32 10.00 -82.45	145.19 9.90 -75.29	126.84 10.11 -53.96
SOUTHOLD___IC 23719	72.12 8.23 -7.50	68.79 7.86 -4.77	69.75 7.79 -5.93	64.93 7.68 -1.15	64.62 7.74 -0.79	68.59 7.97 -4.46	74.81 8.22 -10.32	76.52 8.11 -12.15	80.02 8.18 -15.80	79.77 8.76 -14.14	95.28 8.31 -30.44	96.51 8.26 -31.67	96.21 8.44 -31.13	101.58 8.61 -36.34	116.33 8.55 -51.14	133.33 8.67 -67.96	149.28 10.19 -76.15	158.14 14.82 -54.58	158.95 17.49 -36.73	157.83 16.13 -45.08	153.60 13.06 -61.91	152.32 10.00 -82.45	145.19 9.90 -75.29	126.84 10.11 -53.96
SOUTH_FORK_WT_PWR 323839	72.17 8.29 -7.50	68.90 7.97 -4.77	69.87 7.90 -5.93	64.99 7.74 -1.15	64.67 7.79 -0.79	68.65 8.03 -4.46	74.92 8.33 -10.32	76.64 8.22 -12.15	80.08 8.24 -15.80	79.83 8.82 -14.14	95.39 8.42 -30.44	96.57 8.32 -31.67	96.26 8.49 -31.13	101.64 8.67 -36.34	116.44 8.67 -51.14	133.38 8.73 -67.96	149.35 10.26 -76.15	158.22 14.90 -54.58	159.05 17.59 -36.73	158.02 16.33 -45.08	153.68 13.13 -61.91	152.37 10.06 -82.45	145.31 10.02 -75.29	126.90 10.17 -53.96
SPIERFLS_115KV_TB 1 80737	69.73 4.17 -9.18	66.16 3.93 -6.07	62.71 3.92 -2.76	61.43 3.87 -1.47	61.02 3.93 -1.00	64.99 4.04 -4.79	67.15 3.66 -7.22	63.57 3.77 -3.53	69.22 3.70 -9.48	67.55 3.75 -6.92	98.51 3.17 -38.83	100.36 3.39 -40.39	99.68 3.34 -39.70	106.21 3.23 -46.35	108.28 3.34 -48.30	112.56 3.46 -52.41	130.11 4.03 -63.14	156.87 5.86 -62.27	150.46 6.81 -38.93	150.76 6.47 -47.67	139.03 5.19 -55.21	141.44 4.85 -76.72	129.93 4.68 -65.25	122.22 4.96 -54.49
ST LAWRENCE____ 23600	54.86 -1.52 0.00	54.87 -1.29 0.00	54.91 -1.12 0.00	54.91 -1.18 0.00	54.86 -1.23 0.00	54.81 -1.35 0.00	54.81 -1.46 0.00	54.87 -1.40 0.00	54.64 -1.40 0.00	55.05 -1.82 0.00	54.83 -1.69 0.00	54.88 -1.70 0.00	54.88 -1.76 0.00	54.82 -1.81 0.00	54.82 -1.81 0.00	54.76 -1.93 0.00	60.30 -2.64 0.00	85.02 -3.72 0.00	100.43 -4.30 0.00	92.65 -3.97 0.00	75.26 -3.38 0.00	57.42 -2.46 0.00	57.54 -2.46 0.00	60.14 -2.63 0.00
STATE_CA_115KV_115_LB 55624	67.89 2.54 -8.97	64.61 2.53 -5.93	61.25 2.52 -2.69	60.00 2.47 -1.44	59.60 2.52 -0.98	63.42 2.58 -4.68	65.92 2.59 -7.06	62.25 2.53 -3.45	67.82 2.52 -9.27	66.25 2.62 -6.76	97.00 2.54 -37.94	98.53 2.49 -39.46	97.92 2.49 -38.79	104.30 2.38 -45.28	106.16 2.32 -47.20	109.94 2.04 -51.21	126.90 2.27 -61.70	152.69 3.11 -60.85	146.32 3.56 -38.04	146.58 3.38 -46.58	135.33 2.75 -53.94	137.05 2.22 -74.96	126.03 2.28 -63.75	118.72 2.70 -53.24
STATE_ST_34_KV_LOAD 55959	57.36 0.06 -0.92	56.48 -0.28 -0.61	55.97 -0.34 -0.28	55.90 -0.34 -0.15	55.91 -0.28 -0.10	56.47 -0.17 -0.48	57.00 0.00 -0.72	56.68 0.06 -0.35	56.99 0.00 -0.95	58.02 0.46 -0.69	60.81 0.40 -3.89	61.08 0.45 -4.05	61.07 0.45 -3.98	61.79 0.51 -4.65	61.99 0.51 -4.85	62.57 0.62 -5.26	70.34 1.07 -6.33	96.59 1.60 -6.25	110.72 2.09 -3.90	103.23 1.84 -4.78	85.59 1.42 -5.54	68.47 0.90 -7.70	67.32 0.78 -6.54	69.12 0.88 -5.47
STATION 5_MISC_HYD 23604	55.67 -1.58 -0.87	54.65 -2.08 -0.57	53.88 -2.41 -0.26	53.93 -2.30 -0.14	54.00 -2.19 -0.09	54.59 -2.02 -0.45	55.10 -1.86 -0.68	54.86 -1.74 -0.33	54.75 -2.19 -0.90	56.11 -1.42 -0.65	58.27 -1.92 -3.67	58.48 -1.92 -3.82	58.58 -1.81 -3.75	59.26 -1.76 -4.38	59.39 -1.81 -4.57	59.89 -1.76 -4.96	67.52 -1.38 -5.97	92.68 -1.95 -5.89	105.68 -2.72 -3.68	98.80 -2.32 -4.51	82.20 -1.66 -5.22	65.87 -1.26 -7.25	64.90 -1.26 -6.17	67.18 -0.75 -5.15
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	56.64 -0.62 -0.87	55.50 -1.24 -0.58	54.95 -1.34 -0.26	54.94 -1.29 -0.14	55.01 -1.18 -0.10	55.60 -1.01 -0.46	56.17 -0.79 -0.69	55.88 -0.73 -0.34	55.93 -1.01 -0.90	57.19 -0.34 -0.66	59.65 -0.57 -3.70	59.92 -0.51 -3.85	59.91 -0.51 -3.78	60.60 -0.45 -4.42	60.78 -0.45 -4.60	61.34 -0.34 -4.99	69.02 0.06 -6.02	94.94 0.27 -5.93	108.64 0.21 -3.71	101.35 0.19 -4.54	84.13 0.24 -5.26	67.24 0.06 -7.31	66.21 0.00 -6.22	68.28 0.31 -5.19
STA_56_34_KV_BUS2_REV_LBMP_B 345033	55.50 -1.75 -0.86	54.26 -2.47 -0.57	53.77 -2.52 -0.26	53.76 -2.47 -0.14	53.83 -2.36 -0.09	54.42 -2.19 -0.45	54.92 -2.03 -0.68	54.69 -1.91 -0.33	54.63 -2.30 -0.89	55.88 -1.65 -0.65	58.19 -1.98 -3.64	58.39 -1.98 -3.79	58.49 -1.87 -3.73	59.12 -1.87 -4.35	59.30 -1.87 -4.53	59.80 -1.81 -4.92	67.35 -1.51 -5.93	92.46 -2.13 -5.85	105.55 -2.83 -3.65	98.58 -2.51 -4.48	82.01 -1.81 -5.18	65.70 -1.38 -7.20	64.74 -1.38 -6.13	66.89 -1.00 -5.11

STA_56___34_KV_BUS2 355983	55.50 -1.75 -0.86	54.26 -2.47 -0.57	53.77 -2.52 -0.26	53.76 -2.47 -0.14	53.83 -2.36 -0.09	54.42 -2.19 -0.45	54.92 -2.03 -0.68	54.69 -1.91 -0.33	54.63 -2.30 -0.89	55.88 -1.65 -0.65	58.19 -1.98 -3.64	58.39 -1.98 -3.79	58.49 -1.87 -3.73	59.12 -1.87 -4.35	59.30 -1.87 -4.53	59.80 -1.81 -4.92	67.35 -1.51 -5.93	92.46 -2.13 -5.85	105.55 -2.83 -3.65	98.58 -2.51 -4.48	82.01 -1.81 -5.18	65.70 -1.38 -7.20	64.74 -1.38 -6.13	66.89 -1.00 -5.11
STA_67___115KV_BK2 355882	55.56 -1.69 -0.87	54.31 -2.41 -0.57	53.83 -2.47 -0.26	53.82 -2.41 -0.14	53.89 -2.30 -0.09	54.47 -2.13 -0.45	54.99 -1.97 -0.68	54.75 -1.86 -0.33	54.63 -2.30 -0.90	55.88 -1.65 -0.65	58.15 -2.03 -3.67	58.36 -2.04 -3.81	58.46 -1.93 -3.75	59.14 -1.87 -4.38	59.27 -1.93 -4.56	59.77 -1.87 -4.95	67.39 -1.51 -5.96	92.40 -2.22 -5.88	105.36 -3.04 -3.68	98.51 -2.61 -4.50	81.97 -1.89 -5.21	65.74 -1.38 -7.25	64.78 -1.38 -6.16	67.04 -0.88 -5.15
STA_7___115KV_9TRANS 80674	55.90 -1.35 -0.87	54.65 -2.08 -0.57	54.11 -2.19 -0.26	54.10 -2.13 -0.14	54.17 -2.02 -0.09	54.76 -1.85 -0.45	55.32 -1.63 -0.68	55.09 -1.52 -0.33	54.97 -1.96 -0.90	56.28 -1.25 -0.65	58.55 -1.64 -3.67	58.82 -1.58 -3.82	58.92 -1.47 -3.75	59.60 -1.42 -4.38	59.73 -1.47 -4.57	60.23 -1.42 -4.96	67.90 -1.01 -5.97	93.21 -1.42 -5.89	106.31 -2.09 -3.68	99.38 -1.74 -4.51	82.68 -1.18 -5.22	66.23 -0.90 -7.25	65.27 -0.90 -6.17	67.49 -0.44 -5.15
STA_82___115KV_TB1 80780	55.62 -1.64 -0.87	54.37 -2.36 -0.58	53.83 -2.47 -0.26	53.87 -2.36 -0.14	53.89 -2.30 -0.10	54.48 -2.13 -0.45	55.05 -1.91 -0.69	54.81 -1.80 -0.34	54.69 -2.24 -0.90	55.94 -1.59 -0.66	58.23 -1.98 -3.69	58.44 -1.98 -3.84	58.54 -1.87 -3.77	59.17 -1.87 -4.40	59.36 -1.87 -4.59	59.86 -1.81 -4.98	67.43 -1.51 -6.00	92.53 -2.13 -5.92	105.49 -2.93 -3.70	98.63 -2.51 -4.53	82.08 -1.81 -5.25	65.78 -1.38 -7.29	64.88 -1.32 -6.20	67.08 -0.88 -5.18
STEEL___WIND 323596	54.00 -3.55 -1.16	52.71 -4.21 -0.77	51.79 -4.59 -0.35	51.79 -4.49 -0.19	51.90 -4.32 -0.13	52.67 -4.10 -0.61	53.36 -3.83 -0.92	52.89 -3.83 -0.45	52.70 -4.54 -1.20	54.17 -3.58 -0.88	56.97 -4.47 -4.92	57.23 -4.47 -5.12	57.31 -4.36 -5.03	58.20 -4.31 -5.87	58.34 -4.42 -6.12	58.97 -4.36 -6.64	66.91 -4.03 -8.00	90.87 -5.77 -7.89	102.02 -7.64 -4.93	96.08 -6.57 -6.04	80.84 -4.80 -7.00	66.12 -3.47 -9.72	65.03 -3.24 -8.27	67.23 -2.45 -6.91
STEPHTWN_115KV_BK_2 55603	68.25 2.99 -8.88	65.00 2.98 -5.87	61.67 2.97 -2.67	60.43 2.92 -1.42	60.03 2.97 -0.97	63.87 3.09 -4.63	66.35 3.09 -6.99	62.78 3.09 -3.41	68.23 3.03 -9.17	66.70 3.13 -6.69	97.01 2.94 -37.55	98.52 2.89 -39.06	97.92 2.89 -38.39	104.17 2.72 -44.82	106.12 2.78 -46.71	109.87 2.49 -50.69	126.71 2.71 -61.06	152.78 3.82 -60.22	146.87 4.50 -37.65	146.97 4.25 -46.10	135.49 3.46 -53.39	136.88 2.81 -74.19	125.92 2.82 -63.10	118.80 3.33 -52.69
STEBUBEN_REC_LFGE 323667	57.17 -0.79 -1.58	55.63 -1.57 -1.04	54.88 -1.62 -0.47	54.77 -1.57 -0.25	54.92 -1.35 -0.17	55.91 -1.07 -0.82	56.78 -0.73 -1.24	56.15 -0.73 -0.61	56.43 -1.23 -1.63	57.55 -0.51 -1.19	62.17 -1.02 -6.66	62.49 -1.02 -6.93	62.60 -0.85 -6.81	63.74 -0.85 -7.96	64.02 -0.91 -8.29	65.01 -0.68 -9.00	73.90 0.13 -10.84	99.96 0.53 -10.69	112.14 0.73 -6.68	105.47 0.68 -8.18	88.90 0.79 -9.48	73.52 0.48 -13.17	71.74 0.54 -11.20	73.20 1.07 -9.35
STILLWATER___SOLAR 323814	69.13 3.61 -9.14	65.68 3.48 -6.04	62.25 3.48 -2.74	60.98 3.42 -1.46	60.57 3.48 -1.00	64.46 3.54 -4.76	66.90 3.43 -7.19	63.22 3.43 -3.51	68.89 3.42 -9.44	67.29 3.53 -6.89	98.33 3.16 -38.64	100.06 3.28 -40.20	99.38 3.23 -39.51	105.99 3.23 -46.13	108.00 3.28 -48.08	112.20 3.34 -52.17	129.69 3.90 -62.84	156.22 5.50 -61.98	149.86 6.39 -38.75	150.15 6.09 -47.45	138.46 4.88 -54.95	140.35 4.13 -76.35	128.96 4.02 -64.94	121.21 4.21 -54.23
STONY___BROOK 24151	70.25 6.37 -7.50	67.05 6.12 -4.77	67.90 5.94 -5.93	63.08 5.83 -1.15	62.71 5.83 -0.79	66.68 6.07 -4.46	72.90 6.30 -10.32	74.78 6.36 -12.15	78.28 6.44 -15.80	77.84 6.82 -14.14	93.52 6.55 -30.44	94.70 6.45 -31.67	94.39 6.62 -31.13	99.83 6.85 -36.34	114.57 6.79 -51.14	131.62 6.97 -67.96	147.02 7.93 -76.15	154.68 11.36 -54.58	154.76 13.30 -36.73	154.06 12.37 -45.08	150.61 10.07 -61.91	149.92 7.60 -82.45	143.03 7.74 -75.29	124.58 7.85 -53.96
STURGEON_POOL_HYD 23609	67.39 3.61 -7.39	64.36 3.31 -4.89	61.44 3.19 -2.22	60.47 3.20 -1.18	60.04 3.14 -0.81	63.27 3.26 -3.86	65.47 3.38 -5.82	62.49 3.38 -2.84	67.26 3.59 -7.64	66.26 3.81 -5.58	91.58 3.79 -31.28	93.08 3.96 -32.54	92.64 4.02 -31.98	98.16 4.19 -37.34	99.80 4.25 -38.91	103.39 4.48 -42.22	118.96 5.16 -50.87	146.72 7.81 -50.17	145.40 9.32 -31.36	143.52 8.50 -38.41	130.03 6.92 -44.47	126.64 4.97 -61.80	117.48 4.92 -52.56	111.44 4.77 -43.89
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	66.62 3.50 -6.75	63.87 3.26 -4.46	61.25 3.19 -2.03	60.31 3.14 -1.08	59.97 3.14 -0.74	62.93 3.26 -3.52	65.01 3.43 -5.31	62.35 3.49 -2.59	66.65 3.64 -6.97	65.83 3.87 -5.09	88.84 3.79 -28.53	90.17 3.90 -29.68	89.78 3.96 -29.18	94.72 4.02 -34.06	96.16 4.02 -35.50	99.41 4.14 -38.58	114.09 4.72 -46.43	141.52 7.01 -45.76	141.50 8.17 -28.61	139.28 7.63 -35.04	125.42 6.21 -40.57	120.87 4.55 -56.45	112.59 4.62 -47.97	107.46 4.65 -40.04
SWANROAD_115KV_TB1 355699	52.72 -4.74 -1.07	51.08 -5.78 -0.71	50.58 -5.77 -0.32	50.60 -5.67 -0.17	50.66 -5.55 -0.12	51.44 -5.28 -0.56	52.00 -5.12 -0.84	51.62 -5.06 -0.41	51.26 -5.88 -1.11	52.51 -5.18 -0.81	54.95 -6.10 -4.54	55.19 -6.11 -4.72	55.27 -6.00 -4.64	56.10 -5.95 -5.42	56.28 -6.00 -5.64	56.81 -6.01 -6.12	64.46 -5.85 -7.38	87.32 -8.70 -7.28	98.17 -11.10 -4.55	92.42 -9.76 -5.57	77.78 -7.31 -6.45	63.45 -5.39 -8.96	62.64 -4.98 -7.62	65.00 -4.14 -6.37
SYNERGY___BIOGAS 323694	55.18 -2.20 -1.00	53.89 -2.92 -0.66	52.97 -3.36 -0.30	53.00 -3.25 -0.16	53.11 -3.08 -0.11	53.81 -2.86 -0.52	54.47 -2.59 -0.78	54.18 -2.47 -0.38	53.93 -3.14 -1.03	55.52 -2.10 -0.75	57.79 -2.94 -4.21	58.01 -2.94 -4.38	58.05 -2.89 -4.30	58.83 -2.83 -5.02	59.04 -2.83 -5.24	59.60 -2.78 -5.68	67.52 -2.26 -6.85	92.30 -3.19 -6.75	104.55 -4.39 -4.22	98.01 -3.77 -5.17	81.95 -2.67 -5.98	66.21 -1.97 -8.32	65.15 -1.92 -7.07	67.56 -1.13 -5.91
SYRACUSE___ENERGY_ST1 323597	56.90 -0.23 -0.74	56.14 -0.51 -0.49	55.75 -0.50 -0.22	55.65 -0.56 -0.12	55.67 -0.50 -0.08	56.09 -0.45 -0.39	56.46 -0.39 -0.58	56.22 -0.34 -0.28	56.46 -0.34 -0.76	57.38 -0.06 -0.56	59.59 -0.06 -3.12	59.83 0.00 -3.25	59.89 0.06 -3.20	60.42 0.06 -3.73	60.58 0.06 -3.89	61.02 0.11 -4.22	68.46 0.44 -5.08	94.37 0.62 -5.01	108.69 0.84 -3.13	101.12 0.68 -3.84	83.71 0.63 -4.44	66.41 0.36 -6.17	65.55 0.30 -5.25	67.54 0.38 -4.38
SYRACUSE___ENERGY_ST2 323598	56.90 -0.23 -0.74	56.14 -0.51 -0.49	55.75 -0.50 -0.22	55.65 -0.56 -0.12	55.67 -0.50 -0.08	56.09 -0.45 -0.39	56.46 -0.39 -0.58	56.22 -0.34 -0.28	56.46 -0.34 -0.76	57.38 -0.06 -0.56	59.59 -0.06 -3.12	59.83 0.00 -3.25	59.89 0.06 -3.20	60.42 0.06 -3.73	60.58 0.06 -3.89	61.02 0.11 -4.22	68.46 0.44 -5.08	94.37 0.62 -5.01	108.69 0.84 -3.13	101.12 0.68 -3.84	83.71 0.63 -4.44	66.41 0.36 -6.17	65.55 0.30 -5.25	67.54 0.38 -4.38

SYRACUSE___POWER 24017	56.93 -0.23 -0.77	56.16 -0.51 -0.51	55.70 -0.56 -0.23	55.65 -0.56 -0.12	55.67 -0.50 -0.08	56.11 -0.45 -0.40	56.54 -0.34 -0.61	56.23 -0.34 -0.30	56.50 -0.34 -0.80	57.46 0.00 -0.58	59.73 -0.06 -3.27	59.98 0.00 -3.40	60.04 0.06 -3.34	60.59 0.06 -3.90	60.76 0.06 -4.07	61.27 0.17 -4.41	68.69 0.44 -5.32	94.61 0.62 -5.24	108.84 0.84 -3.28	101.30 0.68 -4.01	83.92 0.63 -4.65	66.69 0.36 -6.46	65.79 0.30 -5.49	67.74 0.38 -4.59
TALLMAN___138KV_BK151 55660	67.08 3.78 -6.92	64.27 3.54 -4.57	61.53 3.42 -2.08	60.62 3.42 -1.11	60.21 3.37 -0.76	63.36 3.59 -3.61	65.49 3.77 -5.44	62.76 3.83 -2.66	67.22 4.03 -7.15	66.41 4.32 -5.22	90.07 4.30 -29.25	91.48 4.47 -30.43	91.08 4.53 -29.92	96.15 4.59 -34.92	97.57 4.53 -36.40	101.08 4.65 -39.74	115.93 5.29 -47.71	143.47 7.81 -46.92	143.17 9.11 -29.33	140.94 8.41 -35.93	127.16 6.92 -41.60	122.90 5.09 -57.94	114.42 5.22 -49.20	109.11 5.27 -41.06
TEALLAVE_115KV_TB7 355573	56.52 -0.51 -0.64	55.80 -0.79 -0.43	55.44 -0.78 -0.19	55.35 -0.84 -0.10	55.38 -0.79 -0.07	55.76 -0.73 -0.34	56.10 -0.68 -0.51	55.90 -0.62 -0.25	56.03 -0.67 -0.67	57.02 -0.34 -0.49	58.91 -0.34 -2.73	59.08 -0.34 -2.84	59.14 -0.28 -2.79	59.61 -0.28 -3.26	59.80 -0.23 -3.39	60.20 -0.17 -3.68	67.44 0.06 -4.44	93.12 0.00 -4.37	107.56 0.10 -2.73	100.06 0.10 -3.35	82.60 0.08 -3.88	65.26 0.00 -5.39	64.52 -0.06 -4.58	66.60 0.00 -3.83
TELGRAPH_34_KV_EAST 80808	54.19 -3.21 -1.02	52.62 -4.21 -0.68	52.08 -4.26 -0.31	52.10 -4.15 -0.16	52.16 -4.04 -0.11	52.93 -3.76 -0.53	53.53 -3.55 -0.81	53.18 -3.49 -0.39	52.89 -4.20 -1.06	54.29 -3.36 -0.77	56.67 -4.18 -4.33	56.90 -4.19 -4.51	56.99 -4.08 -4.43	57.79 -4.02 -5.17	57.95 -4.08 -5.39	58.52 -4.03 -5.85	66.27 -3.71 -7.05	90.28 -5.41 -6.95	101.95 -7.12 -4.35	95.75 -6.18 -5.32	80.24 -4.56 -6.16	65.14 -3.29 -8.56	64.16 -3.12 -7.28	66.54 -2.32 -6.08
TEMPLE___115KV_TB 2 55572	56.59 -0.45 -0.65	55.86 -0.73 -0.43	55.44 -0.78 -0.20	55.41 -0.79 -0.10	55.43 -0.73 -0.07	55.82 -0.67 -0.34	56.17 -0.62 -0.51	55.96 -0.56 -0.25	56.09 -0.62 -0.68	57.08 -0.28 -0.49	58.95 -0.34 -2.77	59.17 -0.28 -2.88	59.24 -0.23 -2.83	59.71 -0.23 -3.30	59.85 -0.23 -3.44	60.25 -0.17 -3.73	67.56 0.13 -4.50	93.27 0.09 -4.44	107.71 0.21 -2.77	100.20 0.19 -3.40	82.73 0.16 -3.93	65.40 0.06 -5.46	64.64 0.00 -4.65	66.72 0.06 -3.88
TIANA___69_KV_BK 1 55817	71.04 7.16 -7.50	67.73 6.79 -4.77	68.69 6.72 -5.93	63.69 6.45 -1.15	63.55 6.67 -0.79	67.47 6.85 -4.46	73.69 7.09 -10.32	75.45 7.03 -12.15	78.96 7.12 -15.80	78.64 7.62 -14.14	94.20 7.23 -30.44	95.38 7.13 -31.67	95.13 7.36 -31.13	100.45 7.48 -36.34	115.20 7.42 -51.14	132.13 7.48 -67.96	147.83 8.75 -76.15	155.83 12.51 -54.58	156.12 14.66 -36.73	155.31 13.62 -45.08	151.55 11.01 -61.91	150.88 8.56 -82.45	143.93 8.64 -75.29	125.46 8.73 -53.96
TILDEN___115KV_TB1 80814	56.93 -0.23 -0.77	56.16 -0.51 -0.51	55.70 -0.56 -0.23	55.65 -0.56 -0.12	55.67 -0.50 -0.08	56.11 -0.45 -0.40	56.54 -0.34 -0.61	56.23 -0.34 -0.30	56.50 -0.34 -0.80	57.46 0.00 -0.58	59.73 -0.06 -3.27	59.98 0.00 -3.40	60.04 0.06 -3.34	60.59 0.06 -3.90	60.76 0.06 -4.07	61.27 0.17 -4.41	68.69 0.44 -5.32	94.61 0.62 -5.24	108.84 0.84 -3.28	101.30 0.68 -4.01	83.92 0.63 -4.65	66.69 0.36 -6.46	65.79 0.30 -5.49	67.74 0.38 -4.59
TRIGEN___CC 323695	69.07 5.19 -7.50	65.82 4.89 -4.77	66.73 4.76 -5.93	61.84 4.60 -1.15	61.53 4.66 -0.79	65.45 4.83 -4.46	71.66 5.06 -10.32	73.60 5.18 -12.15	77.27 5.44 -15.80	76.76 5.74 -14.14	92.50 5.54 -30.44	93.85 5.60 -31.67	93.55 5.78 -31.13	98.92 5.95 -36.34	113.67 5.89 -51.14	130.72 6.07 -67.96	146.01 6.92 -76.15	153.26 9.94 -54.58	153.19 11.73 -36.73	152.51 10.82 -45.08	149.43 8.89 -61.91	148.90 6.59 -82.45	141.95 6.66 -75.29	123.45 6.72 -53.96
TRINITY___115KV___ 4 BK 55933	67.65 2.37 -8.90	64.40 2.36 -5.88	61.06 2.35 -2.67	59.87 2.36 -1.43	59.42 2.36 -0.97	63.21 2.41 -4.64	65.69 2.42 -7.00	62.11 2.42 -3.42	67.58 2.35 -9.19	66.03 2.45 -6.71	96.52 2.37 -37.63	98.04 2.32 -39.14	97.44 2.32 -38.48	103.76 2.21 -44.92	105.60 2.15 -46.81	109.36 1.87 -50.80	126.21 2.08 -61.20	151.93 2.84 -60.35	145.80 3.35 -37.73	145.91 3.09 -46.21	134.74 2.60 -53.50	136.20 1.98 -74.35	125.27 2.04 -63.24	118.03 2.45 -52.81
UNION___PROCESSING_DRP 323587	55.62 -1.64 -0.87	54.38 -2.36 -0.58	53.88 -2.41 -0.26	53.87 -2.36 -0.14	53.94 -2.24 -0.10	54.53 -2.08 -0.46	55.05 -1.91 -0.69	54.81 -1.80 -0.34	54.70 -2.24 -0.90	55.94 -1.59 -0.66	58.23 -1.98 -3.69	58.44 -1.98 -3.84	58.54 -1.87 -3.78	59.23 -1.81 -4.41	59.36 -1.87 -4.59	59.86 -1.81 -4.99	67.50 -1.45 -6.01	92.53 -2.13 -5.92	105.49 -2.93 -3.70	98.63 -2.51 -4.53	82.16 -1.73 -5.25	65.85 -1.32 -7.30	64.88 -1.32 -6.21	67.14 -0.82 -5.18
UPPER HUDSON___HYD 24058	69.73 4.17 -9.18	66.21 3.99 -6.07	62.71 3.92 -2.76	61.43 3.87 -1.47	61.02 3.93 -1.00	64.99 4.05 -4.79	67.15 3.66 -7.22	63.57 3.77 -3.53	69.22 3.70 -9.48	67.55 3.75 -6.92	98.51 3.16 -38.83	100.36 3.39 -40.39	99.68 3.34 -39.70	106.21 3.23 -46.35	108.28 3.34 -48.30	112.56 3.46 -52.41	130.11 4.03 -63.14	156.87 5.86 -62.27	150.46 6.80 -38.93	150.76 6.47 -47.67	139.03 5.19 -55.21	141.44 4.85 -76.72	129.93 4.68 -65.25	122.22 4.96 -54.49
UPPER RAQUET___HYD 24056	53.85 -2.54 0.00	53.85 -2.30 0.00	53.90 -2.13 0.00	53.90 -2.19 0.00	53.85 -2.25 0.00	53.63 -2.53 0.00	53.57 -2.70 0.00	53.74 -2.53 0.00	53.63 -2.41 0.00	54.15 -2.73 0.00	54.09 -2.43 0.00	54.09 -2.49 0.00	54.03 -2.60 0.00	54.09 -2.55 0.00	54.03 -2.55 0.00	54.03 -2.66 0.00	58.66 -4.28 0.00	82.80 -5.94 0.00	97.92 -6.81 0.00	90.14 -6.47 0.00	73.06 -5.58 0.00	55.98 -3.89 0.00	56.10 -3.90 0.00	58.26 -4.52 0.00
VALLEY44_115KV_TB2 355964	53.44 -4.23 -1.29	51.90 -5.11 -0.85	51.26 -5.15 -0.39	51.25 -5.05 -0.21	51.41 -4.82 -0.14	52.33 -4.49 -0.67	53.23 -4.05 -1.01	52.66 -4.11 -0.49	52.66 -4.71 -1.33	53.92 -3.92 -0.97	57.38 -4.58 -5.44	57.72 -4.53 -5.66	57.78 -4.42 -5.57	58.66 -4.47 -6.50	58.71 -4.70 -6.77	59.50 -4.54 -7.35	67.63 -4.15 -8.85	91.97 -5.50 -8.73	102.95 -7.23 -5.46	96.92 -6.38 -6.68	81.74 -4.64 -7.74	67.09 -3.53 -10.75	65.72 -3.42 -9.15	67.53 -2.89 -7.64
VALLEY___115KV_TB 1-4 80826	56.61 0.23 0.00	56.38 0.22 0.00	56.37 0.34 0.00	56.48 0.39 0.00	56.60 0.50 0.00	56.72 0.56 0.00	56.78 0.51 0.00	56.89 0.62 0.00	56.65 0.62 0.00	57.61 0.74 0.00	57.37 0.85 0.00	57.37 0.79 0.00	57.37 0.74 0.00	57.32 0.68 0.00	57.26 0.62 0.00	57.32 0.62 0.00	63.63 0.69 0.00	89.72 0.98 0.00	105.77 1.05 0.00	97.58 0.97 0.00	79.50 0.87 0.00	60.59 0.72 0.00	60.78 0.78 0.00	63.66 0.88 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	63.32 3.78 -3.16	61.84 3.59 -2.09	60.57 3.59 -0.95	60.24 3.65 -0.51	60.14 3.70 -0.35	61.57 3.76 -1.65	62.59 3.83 -2.49	61.31 3.83 -1.22	63.28 3.98 -3.27	63.81 4.55 -2.38	74.70 4.80 -13.37	75.30 4.81 -13.91	75.12 4.81 -13.67	77.52 4.93 -15.96	78.26 4.98 -16.64	79.79 5.05 -18.05	90.47 5.79 -21.75	118.26 8.08 -21.45	127.56 9.43 -13.41	121.82 8.79 -16.42	105.04 7.39 -19.01	91.80 5.51 -26.42	87.81 5.34 -22.47	87.32 5.78 -18.77

VISCHER___FERRY HYD 24020	68.32 2.93 -9.01	65.03 2.92 -5.96	61.65 2.91 -2.71	60.34 2.80 -1.44	59.93 2.86 -0.98	63.77 2.92 -4.70	66.23 2.87 -7.09	62.60 2.87 -3.46	68.20 2.86 -9.31	66.62 2.96 -6.79	97.44 2.82 -38.10	99.04 2.83 -39.63	98.42 2.83 -38.96	104.89 2.77 -45.48	106.81 2.77 -47.40	110.96 2.83 -51.43	128.10 3.21 -61.96	154.37 4.52 -61.11	148.16 5.23 -38.20	148.32 4.92 -46.78	136.82 4.01 -54.17	138.26 3.11 -75.28	127.08 3.06 -64.02	119.44 3.20 -53.47
V_A_10_SYNC_DSASP 323832	54.25 -3.10 -0.97	53.09 -3.71 -0.64	52.29 -4.03 -0.29	52.26 -3.98 -0.15	52.38 -3.82 -0.11	53.06 -3.60 -0.50	53.60 -3.43 -0.76	53.27 -3.37 -0.37	53.00 -4.04 -1.00	54.42 -3.18 -0.73	56.60 -4.01 -4.09	56.76 -4.07 -4.25	56.85 -3.97 -4.18	57.61 -3.91 -4.88	57.75 -3.97 -5.08	58.24 -3.97 -5.52	65.87 -3.71 -6.65	89.79 -5.50 -6.56	101.60 -7.22 -4.10	95.35 -6.28 -5.02	79.81 -4.64 -5.81	64.60 -3.35 -8.08	63.74 -3.12 -6.87	66.06 -2.45 -5.74
V_CMM_10_SYNC_DSASP 323787	55.03 -1.35 0.00	55.09 -1.07 0.00	55.08 -0.95 0.00	55.08 -1.01 0.00	55.02 -1.07 0.00	55.03 -1.12 0.00	54.98 -1.29 0.00	55.03 -1.24 0.00	54.86 -1.18 0.00	55.28 -1.59 0.00	55.05 -1.47 0.00	55.06 -1.53 0.00	55.11 -1.53 0.00	55.05 -1.59 0.00	55.05 -1.59 0.00	54.99 -1.70 0.00	60.55 -2.39 0.00	85.37 -3.37 0.00	100.85 -3.87 0.00	93.04 -3.57 0.00	75.49 -3.15 0.00	57.66 -2.21 0.00	57.72 -2.28 0.00	60.33 -2.45 0.00
V_CMP_10_SYNC_DSASP 323788	55.93 -0.45 0.00	55.99 -0.17 0.00	55.86 -0.17 0.00	55.92 -0.17 0.00	55.76 -0.33 0.00	55.71 -0.45 0.00	55.03 -1.24 0.00	55.43 -0.84 0.00	55.42 -0.62 0.00	55.96 -0.91 0.00	55.50 -1.02 0.00	55.50 -1.08 0.00	55.56 -1.08 0.00	55.34 -1.30 0.00	55.34 -1.30 0.00	55.10 -1.59 0.00	61.05 -1.89 0.00	86.43 -2.31 0.00	102.32 -2.40 0.00	94.29 -2.32 0.00	76.28 -2.36 0.00	58.13 -1.74 0.00	58.32 -1.68 0.00	61.90 -0.88 0.00
V_D_10_SYNC_DSASP 323841	55.14 -1.24 0.00	55.15 -1.01 0.00	55.19 -0.84 0.00	55.19 -0.90 0.00	55.14 -0.95 0.00	55.09 -1.07 0.00	55.03 -1.24 0.00	55.15 -1.13 0.00	54.91 -1.12 0.00	55.40 -1.48 0.00	55.22 -1.30 0.00	55.22 -1.36 0.00	55.16 -1.47 0.00	55.22 -1.41 0.00	55.22 -1.41 0.00	55.10 -1.59 0.00	60.04 -2.89 0.00	84.75 -3.99 0.00	100.12 -4.61 0.00	92.36 -4.25 0.00	74.94 -3.69 0.00	57.36 -2.51 0.00	57.42 -2.58 0.00	59.89 -2.89 0.00
V_E_10_SYNC_DSASP 323830	62.81 4.17 -2.26	61.64 3.99 -1.49	60.69 3.98 -0.68	60.27 3.82 -0.36	60.26 3.93 -0.25	61.60 4.27 -1.18	62.49 4.44 -1.78	61.64 4.50 -0.87	62.79 4.43 -2.33	63.75 5.17 -1.70	71.50 5.43 -9.55	71.95 5.43 -9.94	71.84 5.44 -9.77	73.59 5.55 -11.40	74.24 5.72 -11.89	75.54 5.95 -12.90	85.90 7.42 -15.54	114.53 10.47 -15.32	126.65 12.35 -9.58	119.45 11.11 -11.73	101.42 9.20 -13.58	85.45 6.70 -18.88	82.48 6.42 -16.06	83.46 7.28 -13.41
V_F_30_NSYNC___DSASP 323816	69.20 3.66 -9.15	65.75 3.54 -6.05	62.26 3.48 -2.75	61.04 3.48 -1.47	60.63 3.54 -1.00	64.53 3.60 -4.77	66.97 3.49 -7.20	63.28 3.49 -3.52	69.03 3.53 -9.46	67.36 3.59 -6.90	98.46 3.22 -38.72	100.20 3.34 -40.28	99.52 3.28 -39.60	106.14 3.28 -46.23	108.15 3.34 -48.18	112.37 3.40 -52.28	129.88 3.97 -62.98	156.45 5.59 -62.11	150.05 6.50 -38.83	150.35 6.19 -47.55	138.74 5.04 -55.06	140.64 4.25 -76.52	129.21 4.14 -65.08	121.45 4.33 -54.35
V_F_30_SYNC_DSASP 323786	67.88 2.54 -8.96	64.61 2.53 -5.93	61.24 2.52 -2.69	60.00 2.47 -1.44	59.59 2.52 -0.98	63.41 2.58 -4.67	65.91 2.59 -7.05	62.25 2.53 -3.45	67.82 2.52 -9.26	66.25 2.62 -6.76	96.97 2.54 -37.91	98.51 2.49 -39.44	97.90 2.49 -38.77	104.27 2.38 -45.25	106.12 2.32 -47.17	109.91 2.04 -51.18	126.86 2.27 -61.66	152.65 3.11 -60.81	146.30 3.56 -38.01	146.55 3.38 -46.55	135.30 2.75 -53.91	137.00 2.22 -74.91	125.99 2.28 -63.71	118.68 2.70 -53.20
V_XM_10_SYNC_DSASP 323789	55.93 -0.45 0.00	55.99 -0.17 0.00	55.86 -0.17 0.00	55.92 -0.17 0.00	55.76 -0.33 0.00	55.71 -0.45 0.00	55.03 -1.24 0.00	55.43 -0.84 0.00	55.42 -0.62 0.00	55.96 -0.91 0.00	55.50 -1.02 0.00	55.50 -1.08 0.00	55.56 -1.08 0.00	55.34 -1.30 0.00	55.34 -1.30 0.00	55.10 -1.59 0.00	61.05 -1.89 0.00	86.43 -2.31 0.00	102.32 -2.40 0.00	94.29 -2.32 0.00	76.28 -2.36 0.00	58.13 -1.74 0.00	58.32 -1.68 0.00	61.90 -0.88 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	67.28 3.95 -6.95	64.46 3.71 -4.60	61.70 3.59 -2.09	60.74 3.53 -1.11	60.38 3.53 -0.76	63.49 3.71 -3.63	65.63 3.88 -5.47	62.88 3.94 -2.67	67.37 4.15 -7.18	66.55 4.44 -5.24	90.34 4.41 -29.41	91.76 4.58 -30.60	91.36 4.64 -30.08	96.45 4.70 -35.11	97.87 4.64 -36.59	101.48 4.82 -39.97	116.32 5.41 -47.97	143.90 7.99 -47.17	143.64 9.43 -29.49	141.43 8.70 -36.12	127.54 7.08 -41.82	123.34 5.21 -58.26	114.86 5.40 -49.46	109.51 5.46 -41.28
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	68.26 4.68 -7.20	65.30 4.38 -4.76	62.45 4.26 -2.16	61.51 4.26 -1.15	61.03 4.15 -0.79	64.23 4.32 -3.75	66.50 4.56 -5.67	63.71 4.67 -2.77	68.40 4.93 -7.44	67.54 5.23 -5.43	92.00 5.03 -30.45	93.47 5.21 -31.69	93.11 5.32 -31.15	98.38 5.38 -36.36	100.02 5.44 -37.94	108.70 5.61 -46.40	121.69 6.42 -52.34	146.73 9.14 -48.85	145.95 10.68 -30.54	143.97 9.95 -37.41	130.05 8.10 -43.31	127.42 6.05 -61.50	117.47 6.12 -51.35	111.60 6.09 -42.74
W50THST__13_KV_LOAD 356117	68.49 4.91 -7.20	65.52 4.60 -4.76	62.67 4.48 -2.16	61.68 4.43 -1.15	61.25 4.38 -0.79	64.46 4.55 -3.75	66.72 4.78 -5.67	63.94 4.90 -2.77	68.63 5.16 -7.44	67.77 5.46 -5.43	92.23 5.26 -30.45	93.76 5.49 -31.69	93.39 5.61 -31.15	98.72 5.72 -36.36	100.30 5.72 -37.94	109.04 5.95 -46.40	122.07 6.80 -52.34	147.18 9.58 -48.85	146.47 11.21 -30.54	144.36 10.34 -37.41	130.44 8.49 -43.31	127.78 6.41 -61.50	117.83 6.48 -51.35	111.91 6.40 -42.74
WADING RIVER_IC_1 23522	70.59 6.71 -7.50	67.39 6.46 -4.77	68.29 6.33 -5.93	63.47 6.23 -1.15	63.10 6.23 -0.79	67.07 6.46 -4.46	73.29 6.69 -10.32	75.00 6.58 -12.15	78.45 6.61 -15.80	78.19 7.17 -14.14	93.74 6.78 -30.44	94.92 6.67 -31.67	94.68 6.91 -31.13	100.00 7.02 -36.34	114.74 6.96 -51.14	131.57 6.91 -67.96	147.14 8.06 -76.15	154.77 11.45 -54.58	154.87 13.41 -36.73	154.16 12.47 -45.08	150.61 10.07 -61.91	150.22 7.90 -82.45	143.39 8.10 -75.29	124.95 8.22 -53.96
WADING RIVER_IC_2 23547	70.59 6.71 -7.50	67.39 6.46 -4.77	68.29 6.33 -5.93	63.47 6.23 -1.15	63.10 6.23 -0.79	67.07 6.46 -4.46	73.29 6.69 -10.32	75.00 6.58 -12.15	78.45 6.61 -15.80	78.19 7.17 -14.14	93.74 6.78 -30.44	94.92 6.67 -31.67	94.68 6.91 -31.13	100.00 7.02 -36.34	114.74 6.96 -51.14	131.57 6.91 -67.96	147.14 8.06 -76.15	154.77 11.45 -54.58	154.87 13.41 -36.73	154.16 12.47 -45.08	150.61 10.07 -61.91	150.22 7.90 -82.45	143.39 8.10 -75.29	124.95 8.22 -53.96
WADING RIVER_IC_3 23601	70.59 6.71 -7.50	67.39 6.46 -4.77	68.29 6.33 -5.93	63.47 6.23 -1.15	63.10 6.23 -0.79	67.07 6.46 -4.46	73.29 6.69 -10.32	75.00 6.58 -12.15	78.45 6.61 -15.80	78.19 7.17 -14.14	93.74 6.78 -30.44	94.92 6.67 -31.67	94.68 6.91 -31.13	100.00 7.02 -36.34	114.74 6.96 -51.14	131.57 6.91 -67.96	147.14 8.06 -76.15	154.77 11.45 -54.58	154.87 13.41 -36.73	154.16 12.47 -45.08	150.61 10.07 -61.91	150.22 7.90 -82.45	143.39 8.10 -75.29	124.95 8.22 -53.96





WHITEPLN_13_KV_LOAD 356215	68.30 4.74 -7.18	65.34 4.44 -4.75	62.50 4.31 -2.16	61.50 4.26 -1.15	61.03 4.15 -0.78	64.28 4.38 -3.74	66.54 4.61 -5.65	63.82 4.78 -2.76	68.44 4.99 -7.42	67.58 5.29 -5.41	92.08 5.20 -30.36	93.60 5.43 -31.58	93.18 5.49 -31.05	98.49 5.61 -36.24	99.97 5.55 -37.78	103.83 5.73 -41.42	119.09 6.55 -49.61	146.94 9.50 -48.70	146.37 11.21 -30.45	144.24 10.34 -37.29	130.31 8.49 -43.17	126.38 6.29 -60.22	117.44 6.36 -51.08	111.73 6.34 -42.61
WM_FLOYD_69_KV_BK2 356380	70.54 6.65 -7.50	67.28 6.35 -4.77	68.24 6.28 -5.93	63.25 6.00 -1.15	63.05 6.17 -0.79	67.02 6.40 -4.46	73.18 6.58 -10.32	75.00 6.58 -12.15	78.51 6.67 -15.80	78.13 7.11 -14.14	93.69 6.73 -30.44	94.87 6.62 -31.67	94.56 6.80 -31.13	100.00 7.02 -36.34	114.74 6.97 -51.14	131.68 7.03 -67.96	147.27 8.18 -76.15	155.03 11.71 -54.58	155.18 13.72 -36.73	154.45 12.75 -45.08	150.85 10.30 -61.91	150.22 7.90 -82.45	143.33 8.04 -75.29	124.89 8.16 -53.96
WOODARD__115KV_TB2 355635	56.41 -0.62 -0.65	55.69 -0.90 -0.43	55.27 -0.95 -0.20	55.24 -0.95 -0.10	55.26 -0.90 -0.07	55.65 -0.84 -0.34	56.00 -0.79 -0.51	55.73 -0.79 -0.25	55.92 -0.78 -0.67	56.85 -0.51 -0.49	58.76 -0.51 -2.75	58.93 -0.51 -2.86	58.99 -0.45 -2.81	59.46 -0.45 -3.28	59.60 -0.45 -3.42	60.00 -0.40 -3.71	67.22 -0.19 -4.47	92.88 -0.27 -4.41	107.27 -0.21 -2.76	99.70 -0.29 -3.37	82.39 -0.16 -3.91	65.06 -0.24 -5.43	64.32 -0.30 -4.62	66.44 -0.19 -3.86
YORK___WARBASSE 23770	68.72 5.13 -7.21	65.70 4.77 -4.77	62.85 4.65 -2.17	62.08 4.82 -1.16	61.37 4.49 -0.79	64.58 4.66 -3.76	66.90 4.95 -5.67	64.05 5.01 -2.77	68.74 5.27 -7.44	67.94 5.63 -5.44	92.46 5.48 -30.46	94.05 5.77 -31.70	93.69 5.89 -31.16	98.96 5.95 -36.38	100.40 5.78 -37.98	112.17 5.95 -49.52	123.67 6.73 -54.00	147.81 10.21 -48.87	147.22 11.94 -30.55	145.05 11.01 -37.42	130.77 8.81 -43.32	128.55 6.47 -62.22	118.02 6.60 -51.43	112.37 6.84 -42.75